



CURRICULUM VITAE

Prof. Dr. CEng.

Isam Mohammed Abdel-Magid



19 July 1952 to March 2023

CURRICULUM VITAE



Motto¹

Part One: General

1.1] Background

Name: Prof. Dr. Eng. **Isam Mohammed Abdel-Magid**, B.Sc. PDH, DDSE, Ph.D, FSES, CESEC, MIWEM, MIWRA, MGWPSC. Consultant engineer EC/ER/CE/146

Parents: **Mohammed Abdel-Magid Ahmed** (carpenter), and **Umsalama AlTahir Ahmed Ali** رَحْمَتُهَا اللهُ تَعَالَى (housewife).

Date of Birth: 19th July 1952.

Nationality: Sudanese.

Marital status: Married, with grandchildren: Agad, Ahmed, Akmal, Bassam, Eva, Kareem, Iba'a (Minnish), Isam (Junior), Mahir, Mohammed, Moiad, Riham (Flower), and Wiam (Wmmu).

Specialization: Civil engineering, environmental engineering.

Contemporary Authors, Gale Group, 27500 Drake Rd., Farmington Hills, MT 48331-3535, 248-699-Gale. Toll-free 1.800-347-Gale. (THE WORLD'S #1 ONLINE ENCYCLOPEDIA: <https://www.encyclopedia.com/arts/culture-magazines/abdel-magid-isam-mohammed>)

General and Specific Research Interests: Water, wastewater, and solid waste treatment and disposal, air pollution abatement, noise pollution control, and globalization.

Current employee: ElRazi University, Khartoum, Sudan

Current status and job: Professor of Water Resources and Environmental Engineering, Dean College of Graduate Studies and Scientific Research, ElRazi University, Khartoum, Sudan, 1st August 2021.

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[Facebook: https://www.facebook.com/isam.m.abdelmagid?fref=ts](https://www.facebook.com/isam.m.abdelmagid?fref=ts)
 Researchgate: https://www.researchgate.net/profile/Isam_Abdel-Magid
 Google Scholar: <https://www.facebook.com/isam.m.abdelmagid>
 LinkedIn: <https://www.linkedin.com/nhome/?trk=>

¹ Created and designed by Dr. Eng. Hisham Isam Mohammed Abdel-Magid (in the year 2007 Qatar-Saudi Arabia).



Amazon: <https://authorcentral.amazon.com/author/isamabdelmagid>

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Web page: <http://www.isamabdelmagid.net>

ORCID.org/0000-0001-9508-1314 (Open Researcher and Contributor ID)

ResearcherID: A-5261-2015 (<http://www.researcherid.com/rid/A-5261-2015>)

Scopus Author ID: 56953192800

Google Scholar: <https://scholar.google.com/citations?user=9JvM5HQA AAAJ>

1.2] Academic Experience:

- a) Teaching assistant: Aug. 1977 to June 1982, Civil Engineering Department, Faculty of Engineering, P.O. Box 321, University of Khartoum, Khartoum, Sudan.
- b) Assistant Professor, University of Khartoum, Faculty of Engineering and Architecture, Civil Engineering Department, P.O. Box 321, Khartoum, Sudan: 31st July 1982 to 1st July 1987.
- c) Associate Professor, University of Khartoum, Faculty of Eng. and Arch., Civil Eng. Dept., P. O. Box 321, University of Khartoum, Khartoum, Sudan: 1st July 1987 to 31st August 1988.
- d) Assistant Professor, University of United Arab Emirates, Faculty of Eng., Civil Eng. Dept., P. O. Box 17555, Al-Ain, Fax 632382: 1st September 1988 to 9th January 1991.
- e) Assistant Professor, Sultan Qaboos University, College of Engineering, P. O. Box 33, Zipcode 123, Sultan Qaboos University, Sultanate of Oman: 10th January 1991 to November 1996.
- f) Professor of Water Resources and Environmental Engineering and head civil engineering department and deputy dean faculty of engineering sciences, Omdurman Islamic University, Faculty of Engineering Sciences, P.O. Box 382, Omdurman, Sudan, November 1996 to 1st August 1997.
- g) Professor of Water Resources and Environmental Engineering and Principal of the university, Juba University, Faculty of Engineering, P.O. Box 321/1, Khartoum, Sudan, Fax 471351 or 222124, 14th April 1998 to 8th December 1998.
- h) Professor of Water Resources and Environmental Engineering, Sudan University for Science and Technology, Dean Faculty of Engineering, P.O. Box 407, Khartoum, Sudan, Fax 774559, 19 August 2001 to 13 July 2002.
- i) Professor of Water Resources and Environmental Engineering, Industrial Research and Consultancy Centre, IRCC, P.O. Box, Khartoum North, Sudan, Fax, August 2003 to 2005.
- j) Professor of Water Resources and Environmental Engineering, Sudan Academy for Sciences, P.O. Box 86, Khartoum North, Sudan, Fax, 2005 to August 2007.
- k) Professor of Water Resources and Environmental Engineering, Sudan University for Science and Technology, Faculty of Engineering, P.O. Box 407, Khartoum, Sudan, Fax 774559, 1st August 1997 to 15th April 1998, 14th December 1998 to 2003, 15 August 2007 to September 2008.
- l) Professor of Water Resources and Environmental Engineering, Imam Abdulrahman Bin Faisal University (Previously King Faisal University-September 2008 changed to Dammam University), College of Engineering, Department of Environmental Engineering, P.O. Box 1982, Dammam 31451, Kingdom of Saudi Arabia, Fax, 15 September 2008 to 15 September 2021, Building A13, Room 3306, Mobile: +966-530310018; and Head Proofreading and Revision Dept. Scientific Publication Centre, UoD, November 2013 to 15 September 2021, Bld. A1, room 308. Office phone: +966133331686, +966833335911; Fax: +96638584331
- m) Professor of Water Resources and Environmental Engineering, College of Graduate Studies and Scientific Research, Elrazi University, El-Azhari Town, Khartoum, Sudan, August 2021 – to date.

1.3] Education:

- a) Elementary education: 1960 to 1964, Rufa'a Elementary Western School, Rufa'a, Sudan.
- b) Intermediate education: 1964-1968, Abu-Haraz intermediate school for Boys, Abu Haraz, Sudan.
- c) Secondary education: 1968 to 1972, Rufa'a High Secondary School for Boys, Rufa'a, Sudan.
- d) University Education (B.Sc.): 1972 to May 1977, Civil Engineering Department, Faculty of Engineering and Architecture, P.O. Box 321, University of Khartoum, Sudan.
- e) Graduate University Education (diploma): 15 Jan. 1978 to 19 July 1978, Università degli studi di Padova istituto di Idraulica Centro Internazisonale di Idrologia "Dino Tonini", 35100 Padova, Via L. Loredan 20, Italy.
- f) Graduate University Education (M.Sc.): Sept. 1978 to Sept. 1979, International Institute for Hydraulic and Environmental Engineering, Delft University of Technology, Odue Delft 95, P.O. Box 3015, 2601 DA Delft, The Netherlands.
- g) Graduate University Education (Ph.D.): Sept. 1979 to June 1982, Civil Eng. Dept., Faculty of Engineering,



University of Strathclyde, McCane Building, 16 Richmond Street, Glasgow G1 1XQ, Scotland.

1.4 Qualifications:

- a) B.Sc. Honors (first class), University of Khartoum, Faculty of Eng. Civil Eng. Dept., (Sudan) May 1977 (Sudan).
- b) Diploma in Hydrology, Padova University (Italy), July 1978.
- c) Diploma in Sanitary Engineering, Delft University of Technology (The Netherlands), equivalent to M.Sc., Sept. 1979.
- d) Ph.D. Public Health Engineering, Strathclyde University (Great Britain), June 1982.

1.5] Awards:

- a) Sudan Engineering Society Prize for the Best Project in Civil Engineering, 7th June 1977.
- b) Ministry of Irrigation Prize for Second Best Performance in 4th year Civil Eng., 7th June 1977.
- c) Honourly Scarf for Enrichment of Knowledge, Khartoum University Press, 25th February 1986.
- d) ALECSO prize for a book in engineering (Pollution: hazards and solutions), 1995.
- e) Professor Abdalla Eltayb prize for the best book of the year 1999 (Water), National Council for Journalism and Publication, August 1999.
- f) Bestseller book, <https://www.amazon.com/Handbook-Wastewater-Reclamation-Reuse-Donald/dp/087371671X>
- g) The best paper award, Baddor, I. M. and Abdel-Magid, I. M., Contribution towards the improvement of getting rid of heavy metals and toxic substances in wastewater operations: the case of Soba / Khartoum treatment plant, A paper presented at the International Conference of Engineering, Information Technology, and Science, 2014 IICON International Conference on Engineering, Information Technology, and Science, ICEITS 2014_ICBE-14, Day1: Wed. 3rd Dec., Track1: room Cayman 1, morning parallel session 1, held at Infrastructure University Kuala Lumpur, Unipark Suria, Jalan Ikram-Uniten, 43000 Kajang, Selangor Darul Ehsan, Malaysia. E-mail: iicon2014@iukl.edu.my, http://iicon2014.iukl.edu.my/iceits_papers.php#sthash.lZkwitMj.dpuf, (DOI: 10.13140/RG.2.1.1186.0966) (Pertanika Journal of Social Sciences & Humanities (JSSH) Vol. 23 (S) Jul. 2015, pp. 59 - 74)

1.6] Previous Jobs (Management and Administration)

- a) Civil engineer: 28 May 1977 to Aug. 1977, General Corporation for Irrigation and Drainage, Wad Medani, Sudan. The construction site is located at Mena Pumping Station, Mena, Sudan.
- b) Acting Head Civil Engineering Department, Faculty of Engineering and Architecture, University of Khartoum, Sudan, 14 May 1988 to 11 June 1988.
- c) Secretary-General National Council for Culture and Arts Welfare, June 1999 to July 1999
- d) Head Civil Engineering Department, Deputy Chair UNESCO Chair For Water Resources, Faculty Of Engineering Sciences, Omdurman Islamic University, 1st. December 1996 to 1st August 1997.
- e) Deputy Dean, Faculty Of Engineering Sciences, Omdurman Islamic University, 12th February 1997 to 1st August 1997
- f) Director Foreign Affairs and Relationships Office, SUST, 1st August 1996 to 14 April 1997
- g) Principal, Juba University, April 1997 to December 1998.
- h) Director of Scientific Research and Foreign Affairs Centre, SUST, 14th December 1998 to 12 November 2002.
- i) Secretary-General National Council for Culture and Arts, Ministry of Information and Culture, 7 June 1999 to 12 July 1999.
- j) Dean College of Engineering, Head Research Council and College Council, SUST, 19 August 2001 to 13 July 2002.
- k) General Manager Industrial Research and Consultancy Centre, Ministry of Science and Technology, P. O. Box 2404, Khartoum, 31 Aug. 2002 to 3 July 2005.
- l) President Coordinating Council for Engineering Research and Industrial Technologies, SAS, 15 May 2004 to 1 July 2005
- m) President Sudan Academy for Sciences, Box 86, Khartoum, Presidential decree no. 3/2005, dated 6 Jan.. 2005 to 15 August 2007.
- n) Coordinator Environmental Engineering Department and Postgraduate Studies, College of Engineering, Dammam University (Previously King Faisal University), Dammam 31451, Box 1982, Saudi Arabia, February 2009 to 29 September 2009.



- o) Chair Environmental Engineering Unit, EEU, College of Engineering, Dammam University, Dammam 31451, Box 1982, Saudi Arabia, 10 Shawal 1430 H, 29 September 2009 to 29 Rabea II 1432H - 3 April 2011.
- p) Head Revision and Proofreading Department, Scientific Publishing Center, University of Dammam, KSA, University Rector decision number 43, November 2013 and member of Scientific Publishing Center Management Board, November 2013 to 15 September 2021.
- q) Chair Development and Training Unit, Postgraduate Studies Deanship, University of Dammam, KSA, Dean decision number 9576, 30/1/1438H (2017) to 2020.
- r) Supervisor of the Graduate Studies Unit at the College of Engineering, administratively linked with the Vice Dean of the College of Engineering for Postgraduate Studies and Scientific Research, an administrative decision from the Acting Dean of the College of Engineering, Dr. Fahd bin Ghalab Al-Amari No. 18246 dated 3/16/1442 AH to September 2021.
- s) Environmental engineering dept., College of Engineering, Imam Abdulrahman Bin Faisal University (IAU), Dammam, Kingdom of Saudi Arabia
- t) Principal, Elrazi University, Main Administration Bld., Third Floor, Box 11551, Khartoum, Sudan, Fax: +249155124004; +249183789325; 249183730001, August 2021 to September 2022.
- u) Dean College of Graduate Studies and Scientific Research, Elrazi University, Main Administration Bld., Third Floor, Box 11551, Khartoum, Sudan, Fax: +249155124004; +249911620909; September 2022 to date

1.7} Professional Memberships

- a) Fellow Sudan Engineering Society, P.O. Box 759, Khartoum, Sudan, 7 Oct. 1984.
- b) Graduate Institution of Public Health Engineers (now the Institution of Water and Environmental Management, 15 John Street, London WC1N 2EB, England, Fax 01-4054967), Great Britain, Oct. 1981.
- c) Member International Water Resources Association, IWRA, University of Illinois, 205 North Mathews Avenue, Urbana, IL 61801-2397, USA, 1987.
- d) Consultant of the Sudanese Engineering Council, Dec. 1984 to date. No. (م.م/س.م/5/م.م/146)
- e) Member Sudanese Environment Conservation Society, Khartoum P.O. Box 44266, Khartoum Central, Telex 22064 FES, SD; Sudan, 1983.
- f) CEHA Institutional Technical Focal Point (ITFP) in Oman, Civil Engineering Department, College of Engineering, SQU., {World Health Organization, Eastern Mediterranean Office, Centre for Environmental Health Activities (CEHA), P. O. Box 926967, Telex 23447 WHOEM JO, Telefax 827533, Amman, Jordan}, July 1993.
- g) Member Global Water Partnership (GWP) Steering Committee (SC), S-105 25, Stockholm, Sweden, Telefax +46(0)66985627, e-mail gwp@sida.se, August 1999 to August 2002.
- h) Member Sudan Water Partnership (SWaP) Steering Committee (SC) and Vice-President of SWaP, Ministry of Irrigation and Water Resources, P. O. Box, Khartoum, Sudan, Tel. Fax., e-mail: @, 2005 to Sept. 2008.
- i) Member Regional Water Partnership (RWP) Eastern Africa Steering Committee (SC), C/O Nile Basin Initiative Secretariat, P. O. Box 192, Entebbe, Uganda, Tel. +256(41)321 424; 321 329. Fax. 320 971; 323 231, e-mail sthuo@nilebasin.org, gwpena@nilebasin.org, 2005 to Oct. 2008.
- j) President, Sudanese Society for Small industries incubators, 2003 to date,
- k) President, Water Technology Society, Box, 86, Khartoum, 2004 to date.
- l) Chairperson, GWP Eastern Africa Regional Water Partnership (EARWP), c/o Nile Basin Initiative Secretariat, Plot No. 12 Mpigi Road, P. O. Box 192, Entebbe, Uganda, Tel. 256 41 321329/321424 E-mail gwpena@nilebasin.org, Fax. 256 41 320971, 14 April 2008 to Oct. 2008.
- m) Member Saudi Council of Engineers (SCE), number of memberships to the engineering fraternity of KSA 390172, issued on Monday 12 February 2018 valid until 12 February 2020.



Part Two: Teaching and links

Teaching Summary	
A) Undergraduate level	
Course area, domain, specialty, and focus	Number of courses, university or institution
Concept of structures	1 (KFU)
Design of treatment plant units.	2 (SUST)
Engineering hydrology	3 (IAU, KFU, UoD)
Engineering materials	2 (KFU, UoD)
Energy environment	1 (IAU)
Environmental engineering	6 (UUAU, SQU)
Environmental Engineering Fundamentals	1 (IAU)
Environmental Health Principles	1 (SQU)
Fluid mechanics	1 (SQU)
Hydraulic Structure	1 (IAU)
Hydrology	2 (UUAU)
Industrial Waste Disposal	1 (Uof K)
Introduction to Environmental Engineering	2 (SQU, SUST)
Library skills	3 (IAU, KFU, UoD)
Mechanics of materials	1 (UUAU)
Municipal engineering	1 (SQU)
Oral Communication and Public Speaking	1 (IAU)
Public health in engineering projects	4 (IAU, KFU, UoD, SUST)
Public Health in Engineering Systems	1 (SQU)
Research skills	1 (KFU)
Sanitary engineering	2 (UofK, KFU)
Scientific Research Skills	1 (KFU)
Solid and hazardous waste management	4 (IAU, KFU, SUST, UoD)
Statics	1 (UUAU)
Water resources & Characteristics	1 (Uof K)
Water supply	1 (SUST)
Water supply engineering	3 (IAU, KFU, UoD)
Water Supply and Health in Engineering Development Projects	1 (UofK)
Water Supply and Wastewater Engineering	1 (UofK)
Water Supply and Wastewater treatment	1 (SQU)
Water treatment unit operations	1 (Uof K)
Wastewater engineering	4 (SUST, IAU, KFU, UoD)
B) Postgraduate level	
Advanced Water Reuse Technologies & Applications	1 (IAU)
Environmental Health	1 (Uof K)
Industrial Waste Treatment and Disposal	1 (Uof K)
Integrated water resources management, IWRM	1 (OIU)
Occupational Health & Safety	1 (IAU)
Unit Operations and Design in Water Supply	1 (Uof K)
Water Quality Management	1 (OIU)
Water, Sanitation, and Health	1 (Uof K)
Water Supply Treatment, Sewage Treatment, and Disposal, Water Supply and Drainage of Buildings	1 (Uof K)

2.1] Teaching under-graduates:

Subjects taught include the following:

2.1.a] Under-graduate Students, University of Khartoum:

- 1) Water Supply and Wastewater Engineering subjects to Civil Engineering Students, Faculty of



Engineering, University of Khartoum (Sudan), August 1982 to 1988 as follows:

- 2) Water supply and wastewater Engineering (Municipal Engineering), B.Sc. Civil Engineering, University of Khartoum, August 1982 to August 1986, May 1999
- 3) Sanitary Engineering II, B.Sc. Civil Engineering, University of Khartoum, August 1986 to August 1988.
- 4) Elective Subjects on Water Supply and Health in Engineering Development Projects. The course is organized by WHO; the Civil Engineering Department, and the Department of Community Medicine (University of Khartoum), in 1988.
- 5) Water Quality Management, M. Sc. Program in Hydrology, UNESCO Chair for Water Resources, Omdurman Islamic University.

2.1.b] Diploma Students, School of Hygiene and Environmental Studies, Khartoum, Sudan [now the Faculty of Public and Environmental Health, P.O. Box 205, University of Khartoum].

Subject tackled: * "Industrial Waste Disposal", Dec. 1983 to August 1988.

2.1.c] Diploma Students, Institute of Extra Mural Studies, University of Khartoum, Sudan.

Subjects dealt with include: -

- 1 "Water resources and characteristics", Dec. 1987 to August 1988.
- 2 "Water treatment unit operations", Dec. 1987 to August 1988.
- 3 It is to be noted that the applicant had initiated, developed, started, and implemented (with the concerned parties) the Intermediate Diploma Course in Sanitary Engineering of the Institute of Extra-Mural Studies; in coordination with the Civil Engineering Department, University of Khartoum, Sudan.

2.1.d] B.Sc. Civil Eng. Students, Faculty of Eng., P.O. Box 17555 Al-Ain, University of United Arab Emirates, UAE., 1 September 1988 to 13 January 1990:

Course title	Number LT	LB	CR
Environmental Engineering (1)	07014612	3	3
Environmental Engineering (2)	07015632	3	3
Environmental Engineering (3)	07015642	3	3
Mechanics of Materials (2)	07013212	3	3
Hydrology	07014332	3	3
Static	07052132	3	3

2.1.e] B.Sc. Civil Engineering Students, College of Engineering, P.O. Box 33, postal code 123, Muscat/Al-Khod, Sultan Qaboos University, Sultanate of Oman: Spring Feb. 1991 - Fall Feb. 1993

Course No.	Course Title	Credit hours	Semester
6CIVL206	Introduction to Environmental Engineering	1	4
ENGR 2002	Introduction to Environmental Engineering	1	various
ENGN 2003	Introduction to Engineering	1	4
CIVL 2007	Public Health in Engineering Systems	1	various
CIVL 2211	Environmental Health Principles	1	various
CIVL 4046	Fluid Mechanics	3	7
CIVL 4076	Environmental Engineering	4	8
CIVL 4136	Environmental Engineering, I	3	10
CIVL 5176	Public Health Engineering	3	10
CIVL 5186	Water Supply and Wastewater Treatment	3	10
CIVL 5326	Environmental Engineering II	3	10

2.1.f] B.Sc. Civil Engineering Students, Colleges of Engineering, Sudan University for Science and Technology, and Omdurman Islamic University, Khartoum, Sudan Nov. 1996 to Sept. 2008.

- Water Supply
- Wastewater engineering
- Introduction to Environmental Engineering
- Design of treatment plant units.

2.1.g] B.Sc. Water and Environmental Engineering Students, College of Water and Environmental Engineering, Sudan University for Science and Technology, December 2007 to Sept. 2008.

1. Design of treatment plant units



2.1.h] B.Sc., Building Science and Technology Department, College of Architecture and Planning, King Faisal University, Box 2397, Dammam 31451, Saudi Arabia, Sept. 2008 to 2009.

Course No.	Course Title	Credit hours	Semester
525-251	Concept of structures I	3	1

2.1.i] B.Sc., Preparatory Year Department, College of Architecture and Planning and College of Engineering, King Faisal University, Box 2397, Dammam 31451, Saudi Arabia, Sept. 2008 to 2009.

Course No.	Course Title	Credit hours	Semester
3200-132	Scientific Research Skills	2	2

2.1.j] B.Sc., College of Engineering, Imam Abdulrahman Bin Faisal University (previously King Faisal University and University of Dammam (: <http://www.kfu.edu.sa>), (<http://www.ud.edu.sa>), Box 2397, Dammam 31451, Saudi Arabia, Sept. 2009 to date.

Course No.	Course Title	Credit hours	Year	Semester
2201-201, HUMN 201, 202, 203	Library Skills	1	Freshman (males from all departments and biomedical engineering females)	1
2104-312	Water supply engineering	3	Sophomore	2
ENVEN 431	Engineering hydrology	2	Junior	1
ENVEN 342	Water supply engineering	3	Sophomore	2
ENV-462, ENVEN-462	Solid and hazardous waste management	3	Junior, 4th-year Environmental Engineering	2
ENVE 471	Public health in engineering projects	3	Senior 5th Environmental Engineering	2
ENVEN 422	Wastewater engineering, I	3	Junior, 4th-year Environmental Engineering	2

2.1.k] B.Sc., Construction Engineering Department, College of Engineering, University of Dammam (previously King Faisal University: <http://www.kfu.edu.sa>), (<http://www.ud.edu.sa>), Box 2397, Dammam 31451, Saudi Arabia, Sept. 2012 to Sept. 2016.

Course No.	Course Title	Credit hours	Year	Semester
ENVE 471	Sanitary Engineering	3	Senior 5th Engineering,	1

2.1.l] B.Sc., Biomedical Engineering Department, College of Engineering, University of Dammam (<http://www.ud.edu.sa>), Box 2397, Dammam 31451, Saudi Arabia, Sept. 2012 to sept. 2017.

Course No.	Course Title	Credit hours	Year	Semester
HUMN 201-01/02	Library Skills	1	Freshman (Ladies)	1

2.1.m] B.Sc., Construction Engineering Department, College of Engineering, University of Dammam (previously King Faisal University: <http://www.kfu.edu.sa>), (<http://www.ud.edu.sa>), Box 2397, Dammam 31451, Saudi Arabia, Sept. 2016 to sept. 2018.

Course No.	Course Title	Credit hours	Year	Semester
ENG-332	Engineering materials	2	Sophomore 3rd Engineering,	1

2.1.n] B.Sc., College of Engineering, Imam Abdulrahman Bin Faisal University, (<http://www.iau.edu.sa>), Box 2397, Dammam 31451, Saudi Arabia, Sept. 2018 to sept. 2019.

Course No.	Course Title	Credit hours	Year	Semester
HUMN 301-01	Oral Communication and Public Speaking	1	Sophomore 3 rd Engineering,	1
ENVEN 342	Water Supply Engineering	3	Junior, 4 th Engineering	2
ENVEN 524	Hydraulic Structure	3	Senior 5 th Engineering	2



2.1.o] B.Sc., College of Engineering, Imam Abdulrahman Bin Faisal University, (<http://www.iau.edu.sa>), Box 2397, Dammam 31451, Saudi Arabia, Sept. 2019 to sept. 2020.

Course No.	Course Title	Credit hours	Year	Semester
ENVEN 311	Environmental Engineering Fundamentals	3	Sophomore 3 rd Engineering,	1

2.1.p] B.Sc., B.Sc. Water and Environmental Engineering Students, College of Water and Environmental Engineering, Sudan University for Science and Technology, September 2021 – to date.

Course No.	Course Title	Credit hours	Year	Semester
EVE525	Solid Waste Eng. & Management	3	Senior, 5th-year Environmental Engineering	2
EVE526	Wastewater Engineering	3	Senior, 5th-year Environmental Engineering	2

2.2] Post-Graduate teaching:

Subjects taught included the following:

2.2.a] Faculty of Engineering and Architecture, University of Khartoum, Sudan

1. "Unit Operations and Design in Water Supply" M.Sc. Environmental Engineering (Sanitary Engineering) Students, Oct. 1983 to August 1988.
2. "Industrial Waste Treatment and Disposal" M.Sc. Environmental Engineering (Sanitary Engineering) Students, Oct. 1984 to August 1988.

2.2.b] Faculty of Engineering and Architecture, University of Khartoum, Sudan:

1. "Water Supply Treatment, Sewage Treatment, and Disposal, Water Supply and Drainage of Buildings", M.Sc. Physical Planning, Department of Architecture, 1983 to 1984.

2.2.c] Faculty of Medicine, Community Medicine Department, University of Khartoum:

1. "Water, Sanitation and Health", M.Sc. Community Medicine, 1984 to 1985.

2.2.d] M.Sc. Faculty of Public and Environmental Health, P.O. Box 205, University of Khartoum.

Subject tackled: * "Environmental health I and II", 2001 to September 2008.

2.2.e] MEng/MSc of Environmental Engineering, Imam Abdulrahman Bin Faisal University, KSA.

Subjects tackled:

- a) Occupational Health & Safety, ENVEN 431, Sept. 2017 to Dec. 2017
- b) Advanced Water Reuse Technologies & Applications, ENVEN 601, Sept. 2019 to Dec. 2019.

Supervision

Summary supervision		
Degree supervised/Number	Sole supervisor	Joint supervision
A) Undergraduate level		
Final Year B.Sc. Civil Engineering Students	31 (IOU, RSU, SQU, SUST, UAE, UofK)	
Final Year Diploma Students	1 (UofK)	
Final Year B.Sc. Water Resources Engineering Students	3 (SUST)	
Senior Year Design Project, B.Sc. Environmental Engineering	1 (UoD)	13 (UoD, IAU)
A) Postgraduate level		
Postgraduate Diploma, Civil Eng.	2 (SUST)	
Master of Science, Civil Eng.	12 (SAS, SUST, UofK)	4 (OIU, UofK)
Doctor of Philosophy	7 (JU, OIU, SAS, SUST, UofK)	3 (OIU, SUST)



2.3] Supervision of Under-Graduate Students:

Successful research topics supervised included the following:

2.3.a] Final Year B.Sc. Civil Engineering Students, University of Khartoum, Sudan:

- 1) "Slow Sand Filtration: Application of Slow Sand Filters to Rural Areas" Al-Tahir Abdel-Salam Ahmed, Ibrahim Mohammed Abdel-Rahman and Al-Obied Abdel-Rahman Ali, June 1983.
- 2) "Rural Water Supply in Sudan", Al-Adil El-Haj Abbas, Mohammed Zein Al-Abideen, and Younis Abdelalla Gasmalla, June 1983.
- 3) "Sanitary, Road Surface and Traffic Problems along Nile Avenue in the Vicinity of Kuwaiti Building Plumbing System", Hani Hassan El-Khidr, Magdi Salah El-Din Imbabi, Nabil El-Tahir Fadul, and Osama Awad, 1986

2.3.b] Final Year Diploma Students, Faculty of Public and Environmental Health, P.O. Box 205, University of Khartoum, Khartoum-Sudan:

- 1) "A study on housing environment at Ummbadah area", Gazi Ahmed Hassan, 1985.

2.3.c] Civil Engineering Department, Faculty of Engineering and Architecture, University of Khartoum, Sudan:

To enrich the student's ability in the field of sanitary engineering, the following research topics had been planned, implemented, and supervised for the final year Civil Engineering candidates. Each student (or group of students) submitted a complete project on the following topics:

1. Water Supply and Heath 1983 -1984
2. Water Supply for rural or urban areas 1984 -1985
3. Waste treatment and disposal 1985 -1986
4. Industrial waste treatment and final disposal 1986 -1987

It is to be noted that each academic year projects submitted were in the range of 15 to 20 projects.

2.3.d] Final Year B.Sc. Civil Engineering Students, Faculty of Engineering, University of United Arab Emirates, Al-Ain, UAE:

- 1) "Wastewater Disposal in Al-Hamria (Dubai), project number 25, Rashid Nasir Obied Khamis El-Siwadi, December 1989.

2.3.e] Final Year B.Sc. Civil Engineering Students, College of Engineering, P.O. Box 33 Muscat/Al-Khod, Sultan Qaboos University, Sultanate of Oman:

- 1) "Water and health aspects in a rural area: The case study of Khadra Al-Burashid", Salem Ali Salim Al-Rashidi, Dec. 1991.
- 2) "The effect of local filter aids on sludge dewatering", Sultan Khalifa Ghalib Al-Rashdi, May 1992.
- 3) "The effect of local filter aids on sludge dewatering", Almor Baroot Salem Al-Khusaibi, May 1993.
- 4) "BASIC wastewater treatment design", Salem Ali Al-Hilali, May 1993.
- 5) "Analysis of water in roof storage tanks", Mohammed H. R. AlOraimi, 1993.
- 6) "Measurement of filter clogging", Mohammed Said Salem Massan, March 1994.
- 7) "Water treatment: filtration", Shaddad Said N. Al-Khanjri, 1995.
- 8) "Coagulation and sedimentation techniques", Khalid Abdullah Al-Mandheri, January 1996.
- 9) "Water desalination", Taleb Mohammed Al-Belushi, 1996.

2.3.f] Final Year B.Sc. Civil Engineering Students, College of Engineering Science, P.O. Box Omdurman, Omdurman Islamic University, Sudan:

- 1) "Design of water distribution network for Design of wastewater treatment units for villages of the Northern Rural district using the computer", Osama Bakhit Ibrahim, Adil Salih AlTahir, Faris Qurashi Faris, and Nagi Bakri Mohammed, 1997.
- 2) "Design of industrial wastewater treatment plant for starch and glucose factory at Bagair", Hatim AlZubair Mohammed AlZubair, AbdelRahman AlSaid Mohammed AlSherif, Mohammed AlFatih Sharfeldin Ahmed Ali and Yassin Said Ahmed Yasin, 1998.
- 3) "Design of wastewater treatment units using computers", Mohammed Galal Hussein Ahmed, Mohammed Abdelmoniem Mohammed Ali, and Murtada Mahgoub Abdelfrag, 1999.
- 4) "Design of water treatment plant along the Blue Nile", Omer Bushra Adam, Mugtabah Awad Algied Ahmed, Muzamil Ahmed Osman, and Hisham AlRabawi Tag Alsir, 1999.
- 5) "Design of Atbra water treatment plant", Abdellah Mohammed Suilman Hassan, Mohammed Babiker Hassan



Malik, and Mamdouh Nasreldin Abdelaziz, 2000

- 6) "Use of straw and as a proposed technology for treating oil spills", Ashraf Ali Khalil Ali, Anwar Awad Abdelsalam and Hisham Mohammed Osman Alraih, Sept. 2001

2.3.g] Final Year B.Sc. Civil Engineering Students, College of Engineering, P.O. Box 407 Khartoum, Sudan University for Science and Technology, Sudan:

- 1) "Design of wastewater treatment units", Faroug Mehdi Faroug, Mohammed Abdu Imam Taha and Mshair Mohammed ElGashandi, June 1998.
- 2) "Design of water treatment units using the computer", Abdel-Hafiz Abdel Basit Abdel Muniem, Sufian Babiker Ahmed AlDaw, and Khalid Ahmed Talat, 1998.
- 3) "Design of wastewater treatment units for AlGunaid sugar factory", AlNazeer Mohammed Higazi, Ahmed Mohammed AlMurtada Ibrahim and Khalid Gaberalla Khamseen, June 1998.
- 4) "Wastewater treatment and reuse at ElTaif areas", Mohammed Ali Saad, Raya (Ruba) Mergani, Nada Ibrahim Ahmed Mohammed, Salma Mohammed Din, May 1999.
- 5) "Design of industrial wastewater treatment to Khartoum petroleum refinery", Faki Mohammed ElAmin Daoud, Mohammed AbdelGadir Ali Mohammed, Muzamil Abdelrahman Mohammed, and Noueldin Zakaria Mohammed, June 1999.
- 6) "Possibility of implementing total quality management at Khartoum water corporation", Mohammed ElFatih Haj Alawad, Khalid Mohammed Ahmed AlAmin and Lana Mohammed Hamid, June 2001
- 7) "Design of waste stabilization ponds for treating slaughterhouse wastewater", Dalia Musa Said, Rasha Abdelallah Abuelhassan, and Ali Garelnabi ElFaki, 2001.
- 8) "Analysis of Omdurman Water Network using the computer", Abubakr Abdallah Almubarak, Sarah Hassan Ahmed, Nagla Hamdi Ahmed, June 2001.
- 9) "Treatment of solid wastes from treatment plants", Hatim Mohammed Ahmed, Tarig Izzeldin Ahmed and Abdelmoniem Galal Nouredin, June 2002.
- 10) "Study and evaluation of sewerage network at College of Engineering at SUST", Muraeldin Khairi Nasr, Shazali Khairi Abdelallah and Hafiz Musa Mahgoub, July 2002.
- 11) "Design of a sewerage network for Baitalmal area", Alkhidir Mohammed Babiker Mohammed Nour, Osman ElYas ElBasir and Omer Ismail Omer Kabashi, 2002
- 12) "Design of sewer system for the area of ElRiyad", Muhannad Osman Mustafa and Ali Halfawi Gasim, Sept. 2002.
- 13) "Evaluation of impacts from soap industry in the industrial area at Khartoum North", Mohammed Abdelrahman Ali Ahmed, Mohammed Khidir Hassan Mahgoub and Isra Mohammed Elmahdi, Oct. 2004.
- 14) Samar Kamal Mohammed, Khalda Mohammed Abbakr, Abdalla Mohammed Awad, Design of AlMuhandseen sewerage system using SWMA, Final year project, Civil Engineering Dept., College of Engineering, October 2006.
- 15) Aisha Mohammed Taha Mahdi and ElFadil Yousof Mohammed Hassan, Economics of drinking water, Final year project, Civil Engineering Dept., College of Engineering, August 2008.
- 16) Ahmed Abdallah Ahmed Abbas Heiba, Mohammed AlMamoun Mohammed Mekki Knani and Wala AlDin Awad Imam Ahmed, Final year project, Impacts of climate change on the Blue Nile, Civil Engineering Dept., College of Engineering, August 2008.
- 17) AlAgab Babikr AlAgab Ali, Mohammed Mustafa, Bottled water, Final year project, Civil Engineering Dept., College of Engineering, August 2008.
- 18) Anas AbdelWadood Mohammed Hamza, Abdel-Kareem Salman Abdel-Hafeez and Fakhrtag Hassan HasabElDaim, Wastewater treatment, Final year project, Civil Engineering Dept., College of Engineering, August 2008.

2.3.h] Final Year B.Sc. Civil Engineering Students, College of Engineering, Port Sudan, Red Sea University, Sudan:

- 1) "Analysis of water network at Almatar district in Port Sudan using WESNET program", Mohammed Abdallah Ibrahim, Marwa Abdelbasit Abdelmagid, Sept. 2002.

2.3.i] Final Year B.Sc. Water Resources Engineering Students, College of Water and Environmental Engineering, AlKadaro, Sudan University for Science and Technology, Sudan:

- 1) Izzeldin Saeed Mohammed Ahmed, Abdel-Magid ElSherif Abdallah Ibrahim, Abubakr Awad Mohammed Marzoug and Mazin Omer Mohammed Osman Kimair, Evaluation of desalination water treatment plant A



- at Port Sudan, Department of Water Resources Engineering, Final year project, August 2008.
- 2) Hussain Ahmed Hussain, Omer Hassan Yahia AlSanosi and Mohammed Abbakr Abdel-Din Ahmed, Suggested design for drinking water treatment plant, Department of Water Resources Engineering, Final year project, August 2008.
 - 3) AlRaih AlObied Ballah, Abdel Rahman Muhktar Ibrahim, Nour ElDaim AlBalolah Abdel Rahman, Household water treatment units, Final year project, August 2008.
 - 4) Omer Adam, Madeha Abbakr Muaz, AbdulBasit Idris Ahmed, Abdullah Mohammed Abdullah, Comparison between alternative systems for management of solid waste to energy recovery using pairwise technique – case study of the electricity company, Final year project, March 2023
 - 5) Idris Abdelrahman Yagoub Hassan, Saifaldeen Adam Abdallah Mohamed, Marwa Hasanen Alrofai Abualhassan, Sajda Mohamed Eshag Abker, Use of pairwise comparison and fuzzy hierarchical analysis method to evaluate sludge energy conversion treatment systems, Final year project, March 2023

2.3.j) First Year B.Sc. Engineering and architecture and planning Students, King Faisal University, Dammam, Saudi Arabia:

- Each student is asked to select a certain scientific research project to implement scientific research elements, tools, and methodology in it. (8 March – 7 June 2009).

2.3k) Preparatory Year B.Sc. Engineering and Architecture and planning, Preparatory year deanship, University of Dammam, Saudi Arabia:

- To introduce students to practical research class was divided into groups consisting of two or more students to work in harmony along with a chosen research project of interest to the group. Each student (or group of students) submitted a complete project, 2008-2009.

2.3l) Freshman Year B.Sc. Engineering and Architecture and planning, Preparatory year deanship, University of Dammam, Saudi Arabia:

- To introduce students to practical library research class was divided into groups consisting of two or more students to work in harmony along a chosen library research aspect along with a chosen research project of interest to the group. Each student (or group of students) submitted a complete library research project, 2008-2010.

2.3m) Freshman Year B.Sc. Biomedical Engineering, College of Engineering (men and women) University of Dammam, Saudi Arabia:

- To introduce students to practical library research class was divided into groups consisting of two or more students to work in harmony along a chosen library research aspect along with a chosen research project of interest to the group. Each student (or group of students) submitted a complete library research project, in 2014.

2.3m) Senior Year Design Project, B.Sc. Environmental Engineering, College of Engineering, University of Dammam, Saudi Arabia:

- 1) Ahmed Abdallah Abubakr Al-Safi, Mohammed Akram Hussain Al-Khadra, Ibrahim Khalid Ibrahim Al-Rashid, Treatment of Water Contaminated with Phenol Using Electrochemical Technique, (co-supervisor to Dr. Nuhu Dalhat Mu'azu), May 2013.
- 2) Mohammed Husain Abdualla Al-Hosan, Naif Ali Ali Al-Gahtani, Abdulaziz Mesfar Mohammed Al-Gahtani Municipal solid waste reduction model in al-Khobar-Dammam area, (co-supervisor Dr. Omer Osman Aga), May 2013.
- 3) Fahad Salem Abdulrahman Al-Zahrani, Hussain Ali Abdullah Albaqshi and Qassim Anwar Mohammed Al-Helal, Bottled water quality, and management in KSA, (co-supervisor Dr. Omer Osman Aga), (June 2014).
- 4) Abdulrahman Adel Abdullah Al-Shahwan, Ammar Mohammed Saeed Balhaddad, and Haif Hassan Othman Alsoudani, Municipal wastewater treatment plant design & evaluation, (co-supervisor Dr. Nuhu Dalhat Mu'azu), (June 2014).
- 5) Fahad Abdul-Muhsin Mutair Al-Shaikh, Fahad Abdul-Allah Ramthan Al-Harbi, and Mohammed Abdul-Razig Mohammed Al-Shukri, the water quality of household storage tanks: A case study at Dammam metropolitan area. (Co-supervisor Dr. Omar Osman Aga), (June 2015).
- 6) Bandar Abdul-Rahman Mukhtar Makhdoom, Muaz Khalid Hamad Al-Farag, and Omer Salih Al-Gamdi, Management and recycling of construction and demolition solid waste in KSA (co-supervisor Dr. Fahim



Hossain and Dr. Nabeel Al-Akhras), (June 2015)

- 7) Fawaz Ali Al-Muaddi, Talal Fahad AlOtaibi, Badr Saleh AlZahrani, and Khaled AlShehri, KPIs for Port wastewater and design of treatment units: Case study of king Abdul-Aziz port, (June 2016)

2.3m) Senior Year Design Project, B.Sc. Environmental Engineering Dept., College of Engineering, Imam Abdulrahman AlFaisal University, Saudi Arabia:

- 1) Ibrahim Saeed Saad AlMahamdi, AbdulMuhsin Mohammed Bakheet, and Nawaf Ali Al-Rashood, Design of a waste composting system for sustainable management and Reuse of Food Waste in IAAU, (supervisors Prof. Isam Abdel-Magid, Dr. Nawaf Blaisi, co-Dr. Nuhu Dalhat Mu'azu), (June 2017)
- 2) Waleed Talal Al-Afif, Ahmad Al-Kousa, Mohammad Abdulaziz Al-Nafisa, Formulation of Computational Design Engine for Wastewater Treatment Units (supervisors Prof. Isam Abdel-Magid, Dr. Hisham Isam Abdel-Magid), (May 2018)
- 3) Abdulaziz Khalid Abdulrahman Al-Tuaimi, Nasser Ibrahim Nasir AL-Twairesh & Hussain Abdullah Mohammad Al-Mahfoodh, Design of a Water Distribution Network System for IAU New Campus at Khober, KSA (supervisors Prof. Isam Abdel-Magid, Dr. Hisham Isam Abdel-Magid), (May 2019)
- 4) Abdullah Husain Ali Khan and Ahmed Saad Mubark AlOmani, Design of a Stormwater Conveyance System for IAU New Campus at Khober, KSA (supervisors Prof. Isam Abdel-Magid, Dr. Hisham Isam Abdel-Magid), (May 2019)
- 5) Abdullah Walid Abdullah AlAbdullah and Abdulaziz Mubark Hassan AlAgmi, GIS-aided Hydrological Analysis of Dammam-Khafji Motorway (Highway 95) at the Eastern Province, KSA (supervisors Prof. Isam Abdel-Magid, Dr. Hisham Isam Abdel-Magid), (May 2019)
- 6) Nawaf Hamad Al-Rajab, Mohammed A. Al-Tarteer, Abdulrazaq Mazin Al-Zuhair, and Bandar Anwar Al-Khulaifi, Design of an Earth Dam: Case Study of Al-Madina Province (supervisors Prof. Isam Abdel-Magid, Dr. Hisham Isam Abdel-Magid), (May 2020)

2.4] Supervision of Post-Graduate Students:

2.4.1] Sole Supervisor:

Sole supervision of the following successful degrees:

2.4.1a) Postgraduate Diploma:

- 1) Zeinelabdin Sayed Ali and Instisar Ahmed ElHedai, "Design of sewer system for the area of Eastern ElDaim", **Postgraduate Diploma**, Civil Eng. Dept., SUST, 2000
- 2) Dafallah Edrees Mohammed and Saifeldin Elzobair, "Analysis of Khartoum East network", **Postgraduate Diploma**, Civil Eng. Dept., SUST, 2001.

2.4.1b) Master of Science:

- 1) Galal Mekki Hassan Abbo, "Physio-chemical treatment of tannery wastes in Sudan", M.Sc., Civil Engineering Department, University of Khartoum, April 1985.
- 2) Ali Mohammed Zeidan, "The influence of some parameters on pond design", M.Sc., Civil Engineering Department, University of Khartoum, 1986.
- 3) Mohammed Ali El-Hag Mohammed Ali Alloba, "The influence of filter aids on dewatering of sewage sludge", M.Sc., Civil Engineering Department, University of Khartoum, 1987.
- 4) Osama Mohammed Ahmed Adam, M.Sc., "Influence of local coagulants in water treatment" Sudan University for Science and Technology, 2001.
- 5) Rehab Ahmed Alarabi, "Evaluation of water supply sustainability at area supplied from Mogran water treatment plant, M.Sc., Faculty of Public and Environmental Health, PEH, University of Khartoum, March 2003.
- 6) Hala Bakheit Khalifa, Environmental health impact of Soba wastewater treatment plant, M.Sc., Environmental Health Dept., Faculty of Public and Environmental Health, University of Khartoum, 2005 - 2007, 31 July 2007.
- 7) Ragaa Abdel-Rahman Ali Alzean, Assessment of White Nile pollution by industrial wastewater around Al-Jassir area, M.Sc., Council of Engineering Studies and Industrial Technology, SAS, Oct. 2006.
- 8) Abdel-Rzzag Almahdi Ahmed Alziwain, Leather tanning wastewater treatment, M.Sc., Council of Engineering Studies and Industrial Technology, SAS, 17 July 2005 - Oct. 2006.
- 9) ElSadiq ElZein ElTayeb, Review assessment of environmental and environmental health laws related to water in Sudan, College of General Health and Environmental Health, M Sc., 31 July 2005.
- 10) Tahir Mohammed Ahmed Abdo, Canal lining and its impacts on irrigation efficiencies, M.Sc., Council of



Engineering Studies and Industrial Technology, SAS, 2 Sept. 2004 - March 2007.

- 11) Nagla Hamdi Yagoub, Bottled water quality in Sudan, M.Sc., Civil Engineering Department, College of Eng. And Arch., University of Khartoum, April 2007.
- 12) Elshima Mohammed Elsideg, The effect of magnetic technologies in drinking water characteristics, Faculty of Public and Environmental Health, University of Khartoum, December 2007.

2.4.1c) Doctor of Philosophy:

- 1) Ilham Munair Baddor, Ph.D. "Improving wastewater treatment systems by Waste stabilization ponds", Sudan University for Science and Technology, July 2002.
- 2) Ahmed Mohmed Taher Mohamed, Development and utilization of databases, the web and soft wares in management of water supply systems, Ph.D., UNESCO Chair in Water Resources, Omdurman Islamic University, Khartoum, July 2003.
- 3) Sami Salih Mohamed Ismail, Application of horizontal roughing filtration technique in bank filtration, Ph.D., Sudan University of Science and Technology, SUST, 4 Jan. 2001 to June 2004.
- 4) Suad Said Ahmed Babiker, Evaluation of drinking water quality and related sanitation issues: case study: AlDamer-Atbara area, Ph.D., Dept. of Environmental Studies, College of natural resources and environmental science, Juba University, August. 2007.
- 5) Osama Mohammed Ahmed Adam, Ph.D., "Key Performance Indicators for Integrated Water Resources Management in some African Countries" Sudan University for Science and Technology, 16 June 2004 to December 2011.
- 6) Sumia Salih Mahmoud, Interactive rheological modeling of turbid water, Council for Biological Sciences, New Technologies and Environment, (Co-supervisor Dr. Sarra Ahmed Mohammed Saad), Sudan Academy of Sciences, Ph.D., 2008 – 5 November 2011.
- 7) Architect/ Nagat Osman Mansour Elbaroudi, Ph.D. Residential Domestic Solid Waste Collection Processing in an Urban Area: The Case of Greater Khartoum, Sudan University for Science and Technology, 2004 to July 2015.

2.4.2] Co-Supervisor:

Co-supervision to the following successful degrees:

a) M.Sc. degrees

- 1) Yousif Ali Yousif, "A study on the design parameters of slow sand filters", M.Sc., Civil Engineering Department, University of Khartoum, April 1986.
- 2) Abdulla Abdel-Gadir Ahmed Abusam, "A study of septic tank design parameters" M.Sc., Civil Engineering Department, University of Khartoum, April 1986.
- 3) Hassan Abdul-Mageid Ibrahim, "Analysis and design of water network systems using finite element method", M.Sc., Civil Engineering Department, University of Khartoum, April 1987.
- 4) Faris Gurashi Faris, "Assessment of management system of petroleum wastewater effluent in Khartoum refinery", M.Sc., UNESCO Chair for Water Resources, Omdurman Islamic University, 2002.

b) Ph.D. degrees

- 1) Hashim Mohammed Hamid Mohammed, Water and its use in Quran and Sunna, Ph.D., Theoretical studies Dept., Islamic World Research and Studies Institute, Omdurman Islamic University, Khartoum, 2004.
- 2) Hamid Abdelaal El-Mangoushi, Ph.D., Enhancement of groundwater industry: A case study of Sudanese private companies working in Sudan, Sudan University for Science and Technology, September 2008 to 15 August 2010.
- 3) Abdel-Wahab ElTayeb, Ph.D., Vulnerability of Ground Water Basins in Khartoum State to Pollution Risks, Sudan University for Science and Technology, Cosupervisor Dr. Mohammed Khair Salih Elhassan, September 2008 to January 2014.

2.5] Examination:



Summary of the examiner/reviewer role	
Level	University or institution
a) External examiner	
Undergraduate	
B.Sc. Biomedical Engineering	IAU
B.Sc. civil engineering	AAU, JU, IAU
B.Sc. civil & construction engineering	IAU
B.Sc. environmental engineering	IAU, UoD
University Diploma	UofK
Postgraduate Diploma/M.Sc./Ph.D. degree by research	
Civil Engineering	UiTM
Chemical Engineering	UofK
Engineering and Architecture	UofK
Education	UofK
Groundwater	SAS
Nuclear Physics	SAS
b) Reviewer Prizes/ Awards	
Eng Tariq Alqasbi Prize	KSU
College of Engineering Outstanding Research and Innovation Awards	IAU
c) Program evaluator/initiator	
Intermediate Diploma in Sanitary Engineering	UofK
Technical diploma in environmental engineering	SUST
B.Sc. Civil Engineering	JUC, UAE, UB
Civil and Infrastructure Engineering	IAU
B.Sc. construction engineering	KFU
B.Sc. energy engineering	IAU
B.Sc. Environmental Health	UofK
Safety and Fire Protection	IAU
M.Sc. Environmental Engineering	KFU, SUST, UofK
M.Sc. water resources engineering	SQU, SUST, UNESCOC-OIU
African master's degree in nuclear science and technology	SAS
College of technology and development	AAU
Faculty of engineering	SUST
College of Engineering	AAU, JU, RSU, SU
d) Offices reviewer	
Distance Education Offices	SUST
Middle East Academy	SUST
GWP Eastern Africa Regional Office	GWP Steering Committee.
e) Internal examiner	
B.Sc. Senior design projects	
Civil engineering	IAU
Environmental engineering	IAU
Transportation & Traffic engineering	IAU
Conferences	
Scientific conference for students in higher education	UoD
Training	
Summer Training presentation	IAU, UoD, UofK
M.Sc./Ph.D. Degree by research	
Education	UofK
Chemical eng.	UofK
Civil engineering	SUST, UofK
Water resources	QKU, OIU, SUST
f) Examinations Setter	
Sudan high school certificate	General Administration for Examinations and Evaluation, Ministry of Education
Key: AAU = AlZaim AlAzhari University; IAU = Imam Abdulrahman Bin Faisal University; JU = Juba University; JUC = Jubail University College; KFU = King Faisal University; OIU = Omdurman Islamic University; KSU = King Saud University; QKU = Quran Kareem University; RSU = Red Sea University; SAS = Sudan Academy for Sciences; SQU = Sultan Qaboos University; SU = Sinnar University; SUST = Suan University for Science & Technology; UAE = University of United Arab Emirates; UB = University of Bisha; UiTM = Universiti Teknologi MARA; UoD = University of Dammam; UofK = University of Khartoum	

2.5.1] External reviewer:



- 1) Final year Diploma students, School of Hygiene and Environmental Studies, Khartoum, the academic year 1986/1987.
- 2) Final year B.Sc. civil engineering students, Faculty of engineering, AlZaim AlAzhari, Omdurman, 1999 to 3 March 2003.
- 3) External Assessment Reviewer for the Civil Engineering Department of Jubail University College, PO. Box 10074, Jubail Industrial City 31961, +966 13 342 6995, Kingdom of Saudi Arabia, March – April 2018
- 4) Poster competition for the senior design projects (10 SDP) of the civil & construction engineering department, held on Tuesday 17th April 2019, College foyer, Bldg. A13, KSA (chair team of examiners as directed by Dr. Walid Al-Kutti, Chairman, Department of Civil and Construction Engineering)

2.5.2] External Examiner:

External examiner for the following:

- 5) Hadia K. AbdelWahab, "Health impacts of drinking water at AlObied on children at preschool age", **M.Sc.**, College of Education, Khartoum University, 20011
- 6) Insaf Abdel-Salam Abdelmutlab Abdel-Salam, "The need to introduce environmental education concepts in mathematics syllabi for first-year secondary schools, **M.Sc.**, College of Education, Khartoum University, 24 October 2002.
- 7) Nagi Osman Mohammed Abd Alrhman, "On the use of a simplified earned value management: The case of Sudan University for Science and Technology", **M.Sc.**, Chemical Eng. Dept., College of Engineering and Architecture, University of Khartoum, 15 February 2008.
- 8) Rami Anwar Othman Abdel Sadiq, **M.Sc.**, Evaluation of the water quality of a Bahri station, Sudan University of Science and Technology, September 2022
- 9) Azlinda binti Saadon Mohd Dros, 2012613588 (EC990), **Ph.D.** within the program of Doctor of Philosophy in Water Resources – EC990 at the Faculty of Civil Engineering, Faculty of Civil Engineering, Universiti Teknologi MARA (UiTM), 40450 Shah Alam Campus, Selangor Darul Ehsan, Malaysia.
- 10) Dalal Mohammed Adam Saeed, Assessment of drinking water quality in Elfashir city, **Ph.D.** analytical chemistry, Atomic Energy Council of the Sudan Academy for Sciences (SAS), 8th January 2023 (viva formulation letter 2nd January 2023 composed of Dr. Mohammed Siddiq Mohammed Abdallah (internal examiner and Prof. Dr. Mohammed Ahmed Hassan AlTayeb, supervisor)

2.5.3] Internal Examiner:

A. Internal examiner for the following successful students:

- 1) Sami Salih Ismail, "Industrial waste in Khartoum province", **M.Sc.** Civil Engineering Department, Faculty of Engineering and Architecture, University of Khartoum, Sudan, 1983.
- 2) El-Mutasim Osman El-Fadil, "Theory and practice of waste stabilization ponds", **M.Sc.** Civil Engineering Department, Faculty of Engineering and Architecture, University of Khartoum, Sudan, 1983.
- 3) Yassir Abdel-Gadir, "A study of water quality for the Blue Nile and White Nile", **M.Sc.** Civil Engineering Department, Faculty of Engineering and Architecture, University of Khartoum, Sudan, 1983.
- 4) Mohammed El-Amin Gasim, "A study on the supplied water quality at Khartoum", **M.Sc.** Civil Engineering Department, Faculty of Engineering and Architecture, University of Khartoum, Sudan, 1985.
- 5) Ali El-Saeed Mukhtar, "A study on vegetable oil factories effluents", **M.Sc.** Civil Engineering Department, Faculty of Engineering and Architecture, University of Khartoum, Sudan, 1986.
- 6) Abdella Hassan El-Mahi, "A study on dairy wastewater treatment", **M.Sc.** Civil Engineering Department, Faculty of Engineering and Architecture, University of Khartoum, Sudan, 1988.
- 7) Hashim Mohammed Hamid Mohammed, Water and its use in Quran and Sunna, **Ph.D.**, Quran Kareem University, 2004.
- 8) Ilham Munair Baddor, **Ph.D.** "Improving wastewater treatment systems by Waste stabilization ponds", Civil Engineering Department, SUST, 2002.
- 9) Ahmed Mohamed Taher Mohamed, Development and utilization of databases, the web and soft wares in management of water supply systems, **Ph.D.**, UNESCO Chair for Water Resources, Omdurman Islamic University, 2003.
- 10) Sami Salih Mohamed Ismail, Direct and horizontal roughing filtration technique in bank filtration,



Ph.D., 2004.

- 11) Suad Said Ahmed Babiker, Potential health risk indicators for water supply and sanitation: case study: AlDamer governance, **Ph.D.**, Faculty of water resources & environment, SUST, 2007.
- 12) Elshima Mohammed Elsideg, The effect of magnetic technologies in drinking water characteristics, **M.Sc.** Faculty of Public and Environmental Health, University of Khartoum, December 2007.

B. Member Jury (panel, viva) senior design projects (ENVEN 522): Member jury for the following successful B.Sc. Environmental Engineering students at College of Engineering, University of Dammam, KSA

- a) on 21 May 2013, Room A, Bld. 800:
 - 1) Ibrahim Abdallah Al-Shayqi, Abdullah Jasim Al-Khamis, and Mohammed Bandar Al-Rayan, Absorption of heavy metal on local-low cost adsorbent: kinetic & equilibrium study, Supervised by Dr. Nabil Al-Jarrah and Dr. Ahmad Abu Yaghi.
 - 2) Abdulaziz Al-Abdulkareem, Saad Nasser Al-Gahtani, and Abdullah Ghassan Al-Hamed. Optimization of ventilation regimes & indoor air quality in surgical rooms. Supervised by Dr. Omer Aga and Dr. Amro Owes.
- b) On Wed. 1 Jan. 2014, Room 840, Bld. 800 and Monday 19 May 2014, Room 840, Bld. 800
 - 1) Abdulmalik Abdulaziz Alsabti, Fahad Abdullah Alghamdi, and Khalid Saleh Alzahrani. Absorption of heavy metal on local-low cost adsorbent: kinetic & equilibrium study, Supervised by Dr. Nabil Al-Jarrah and Dr. Omer Aga.
 - 2) Ahmed Khalid Al-Mousa, Bader Abdullah Al-Dosary, and Mohammad Yousef Al-Saif, Medical waste management in the Kingdom of Saudi Arabia: A case study, Supervised by Dr. Omer Aga and Dr. Nabeel Jarrah.
- c) On Thursday 1 January 2015, Room A, Bld. 800
 - 1) Ahmad Abbas Ibrahim Alshamri, Mohammed Ibrahim Alnabbat, and Shaheen Jameel Shaheen Aldosari, Application of natural clay soil as an adsorbent for removal of heavy metals from contaminated water, supervised by Dr. Nuhu Dalhat Mu'azu and Dr. Nabeel Jarrah.
 - 2) Mohammed Nabeel Mohammed Alghamdi, Fahad Abdulkarim Taher Alhamad, and Mohammed Marji Menawer Alharbi, Public acceptance of the application of domestic wastewater for recycling and reuse in a Muslim society, supervised by Dr. Masoom Pahore and Dr. Nuhu Dalhat Mu'azu.
- d) On Monday 1 June 2015, Room A, Bld. 800
 - 1) Mohammed Nabeel Mohammed Alghamdi, Fahad Abdulkarim Taher Alhamad, and Mohammed Marji Menawer Alharbi, Public acceptance of the application of domestic wastewater for recycling and reuse in KSA, supervised by Dr. Masoom Pahore and Dr. Nuhu Dalhat Mu'azu.
 - 2) Mohammed Adel Mohammed Alyagout, Abdulaziz Abdulrahman Al-Mengash, and Mishal Saad Mutlaq Alotaibi, Removal of algal blooms from seawater using DAF process, supervised by Dr. Habis AlZoubi and Dr. Omer Aga.
- e) On Wednesday 6th January 2016, Room 502, Bld. 500
 - 1) Abdul-Rahman Al-Osaiba, Mohammed A. Al-Faseel, Ali A. Bujbara, and Ahmed A. Al-Dossery, Removal of mixed heavy metals and organics from local contaminated soils using enhanced remediation techniques, supervised by Dr. Nuhu Dalhat Mu'azu and Dr. Nabeel Abdul-Kareem Jarrah
 - 2) Majed Malfi Al-Otabi, Abdullah Bahamdan, and Nawaf Waleed Al-Ahmed Project Title: Assessment of wastewater and sludge treatment technology for reuse in Dhahran, supervised by Dr. Omer Aga, Dr. Nabeel Abdul-Kareem Jarrah and Dr. Nuhu Dalhat Mu'azu
- f) On Thursday 26th May 2016, Room 502, Bld. 500
 - 1) Abdulrahman.Al-Osaiba, Ali A. Bujbara, Mohammed A. Al-Faseel, and Ahmed A. Al-Dossery, Removal of Heavy Metals from Local KSA Contaminated Soils Using Enhanced Soil Extraction Technique, supervised by Dr. Nuhu Dalhat Mu'azu and Dr. Nabeel Jarrah
 - 2) Majed Mulfi Al-Otaibi, Abdullah Bahamdan and Nawaf Waleed Al-Ahmed Assessment of Wastewater and Sludge Treatment Technology for Reuse in Dhahran, supervised by Dr. Omer Aga, Dr. Nabeel Jarrah, and Dr. Nuhu Dalhat Mu'azu

C. Member Jury (panel, viva) senior design projects (ENVEN 521 and 522): Member jury for the following successful B.Sc. Environmental Engineering students at the College of Engineering, Imam Abdulrahman



AlFaisal University, KSA

- a) On 25 January 2017, Room second floor, New College Building.
 - 1) Ali Abdullah Ali AlGasim, Beshr Mustafa, Tariq Hadi Hassan Alfifi, and Asim Hassan Abdullah AlGamdi, Design of a bio-filter system to control landfill gas emissions from Dammam Municipal Solid waste, supervised by Dr. Omer Aga, and Dr. Ismail Anil.
- b) On Sunday 28h May 2017, Room second floor, New College Bldg.
 - 1) Ali Abdullah Ali AlGasim, Beshr Mustafa, Tariq Hadi Hassan Alfifi, and Asim Hassan Abdullah AlGamdi, Design of a bio-filter system to control landfill gas emissions from Dammam Municipal Solid waste, supervised by Dr. Omer Aga, and Dr. Ismail Anil and Dr. Nawaf Blaisi.
 - 2) Mashari Saad Abdullah AlGarni, Omer Abdullah Abdulrahman, and Ammar Rashed AlDossary, Design of activated sludge process for nutrient removal, Supervised by Dr. Fahim Hossain, Dr. Habis AlZoubi, and Dr. Nabeel Jarrah.
- c) On Thursday 13h December 2017, Room second floor, A13 College Bldg.
 - 1) Jameeeldin Aiman Alnabsha, Abdulgadir Suliman Abdulgair Abualfoul, and Bahaeldin Mohammed Ali Buhalidin Qurban, Designing a dry fermentation process to generate 1 MW of electricity by using organic waste, Supervised by Dr. Cevat Yaman, Dr. Nuhu Dalhat Mu'azu and Dr. Nawaf Blaisi.
 - 2) Yousif Abdulrahman Abdullah Albaadi, Suliman Abdulhakim Ali AlAql, and Osama Mohammed Abdullah AlDosari, Ventilation Design by Computational Fluid Dynamics to Improve Indoor Air Quality at KFU Hospital, Supervised by Prof. Ömer AĞA and Dr. Ismail Anil
- d) On Thursday 18th April 2019, Room second floor, A13 College Bldg.
 - 3) Jameeeldin Aiman Alnabsha, Abdulgadir Suliman Abdulgair Abualfoul, and Bahaeldin Mohammed Ali Buhalidin Qurban. Designing a dry fermentation process to generate 1 MW of electricity by using organic waste, Supervised by Dr. Cevat Yaman, Dr. Nuhu Dalhat Mu'azu, and Dr. Nawaf Blaisi.
 - 4) Yousif Abdulrahman Abdullah Albaadi, Suliman Abdulhakim Ali AlAql, and Osama Mohammed Abdullah AlDosari, Ventilation Design by Computational Fluid Dynamics to Improve Indoor Air Quality at KFU Hospital, Supervised by Prof. Ömer AĞA and Dr. Ismail Anil

D. **Member jury Dammam University level**, the sixth scientific conference for students in higher education, Jeddah, Saudi Arabia (Jan. 2015). Projects reviewed carry the following titles:

- 1) Medical Waste Management in the Kingdom of Saudi Arabia.
- 2) Assessment of Air Quality Levels in King Abdul-Aziz Port in Dammam.
- 3) Impacts of the Environmental Protection Procedures on Air Quality Level in the University of Dammam Campuses.

E. **Member jury Summer Training presentation**

- i. Environmental Engineering, Dept., College of Engineering, Dammam University, Tuesday 8th December 2015, Venue: Engineering College, Building 500 Room 507 (Examiner)
- ii. Environmental Engineering, Dept., College of Engineering, Imam Abdulrahman Bin Faisal University, Summer training presentation, evaluation of the student's training experience, Venue: Room 2406, Time: 9 am -11 am, 13 September 2018 (Examiner)

F. **Member Jury (panel, viva) for the course "Oral Communication & Public Speaking, HUMN 301:**

Thursday 21 December 2017, Bld. 800 at 10:23 a.m. till 12:25 noon, Third Year Classroom, of the Biomedical Engineering Department of the College of Engineering at AlRakha-Khobar, KSA. 8 Groups of students were examined.

G. **Member Jury (panel, viva) senior design projects (ENVEN 522):** Member jury for the following successful B.Sc. Environmental Engineering students at the College of Engineering, Imam Abdulrahman AlFaisal University, KSA

- a) On 8th January 2018, Room 2112, College of Engineering Bldg. A13
 - 1) Hasan AbulRasoul Abdullah Alsadiq, Mustafa Mansour Ali AlRamadan, Murwan Mohammed



- Saeed BalHarith, Design of Air Gap Membrane Distillation for Water Desalination, supervised by Dr. Habis AlZoubi & Dr. Fahad Alamri.
- 2) Abdulrahman Mohammed Hasan AlQahtani, Fouad Marzoug Ibrahim AlMayoud, Abdulla Faisal Abdullah AlGamdi, Designing Air Pollution Control Strategies for Industrial Emissions at Dammam: Emission Inventory, Dispersion Modelling, and Human Health Risk, supervised by Dr. Ömer AĞA & Dr. Ismail Anil
- b) On Saturday 12th May 2018, Room 2112, College of Engineering Bldg. A13
- 1) Hasan AbulRasoul Abdullah Alsadiq, Mustafa Mansour Ali AlRamadan, Murwan Mohammed Saeed BalHarith, Design of Air Gap Membrane Distillation for Water Desalination, supervised by Dr. Habis AlZoubi, Dr. Fahad Alamri & Dr. Hisham I. Abdel-Magid.
 - 2) Mohammed Saeed Mohammed Bahaitham, Abdulaziz Barjas Hamoud AlBarajs, Abdulla Mattar Alissa, Designing Multi-criteria design of sanitary landfill for Damma Metropolis, supervised by Nuhu Dalhat Muazu, Dr. Nawaf Blaisi & Dr. Ismail Abubakar Anil.
- H. **Member Jury (panel, viva) for the course "The Introduction to Engineering, ENG 251"** final exam conducted on Sunday the 9th of December 2018, at building 800 in Lecture Room No. A, commencing 8:00 a.m. to 12:10 p.m., 56 female students were examined from the Biomedical Engineering Department of the College of Engineering at AlRakha-Khobar, KSA.
- I. **Member Jury (panel, viva) senior design projects (ENVEN 522):** Member jury for the following successful B.Sc. Transportation and Traffic Engineering students at College of Engineering, Imam Abdulrahman AlFaisal University, KSA, held on Thursday 18th April 2019, Room second floor, A13 College Bld
- 1) Saleh Khale Alomari, Talal Ibrahim AlKhadi, Ahmed Almuhanha, and Bassam Khaid Alrobaian, Park and ride the bus for Al-Rayan female campus in Dammam, advisor: Dr. Wael Mohamad Eldessouki.
 - 2) Ibrahim M. Al-Sharydahm Haidar H. Rabiem Mohammed M. Marzooq and Abdulrahman J. Al-Ansari, Assessment and redesign of King Faisal highway corridor, advisor: Dr. Sami Osman and Dr. Mohammed Dalhat.
- J. **Member Jury (panel, viva) for the course " Biofluid dynamics"** project presentation conducted on Monday 9th December 2019, at building 900, 1st floor, presentation venue, Biomedical Engineering Department of the College of Engineering at AlRakha-Khobar, KSA.
- K. **Member Jury (panel, viva) senior design projects (ENVEN 522):** Member jury for the following successful B.Sc. Environmental Engineering students at the College of Engineering, Imam Abdulrahman AlFaisal University, KSA
- a) On Wednesday 25th December 2019, Room 2401, College of Engineering Bldg. A13
 - 1) Waleed Abdullah A-Homaid, Abdullah Mohammed Al-Nefai, Abdullah Khalid Al-Khalidi, Mutlaq Salah Al-Mutlaq, Design of Centralized Medical Waste Incinerator Facility for Dammam Metropolitan Hospitals, supervised by Dr. Nuhu Dalhat Mu'azu and Dr. Cevat Yaman
 - 2) Ahmad Abdullah Al-Mushkas, Hossian Nizar Al-Khabbaz & Ateeq Ayed Al-Shammari, Design of Biological Wastewater Treatment Plant for Population of 200,000 Persons, supervised by Dr. Cevat Yaman and Dr. Nuhu Dalhat Muazu
 - 3) Ahmad Saud Al-Semari, Mohammed Rashid Badgar, Abdullah Omar Al-Amoudi & Khalid Abdullah Al-Otaibi, BioDRONE: Design of Smart Indoor and Outdoor Bioaerosol Sampling and Early Warning System, supervised by Dr. Ömer AĞA, Dr. Ismail ANIL & Dr. Ibrahim Algaman
- L. **Member Jury (panel, viva)** of Evaluation for Engineering Drawing (Computer Poster Competition, CPC), freshman year, Female students, College of Engn., IAU, Wednesday & Thursday 8-9th April 2020 via zoom online platform (Reviewer).
- M. **Member Jury (panel, viva) senior design projects (ENVEN 522):** Member jury for the following successful B.Sc. Environmental Engineering students at the College of Engineering, Imam Abdulrahman AlFaisal University, KSA
- a) On Wednesday 14th May 2020, via Zoom.us jury exam meeting
 - 1) Waleed Abdullah A-Homaid, Abdullah Mohammed Al-Nefai, Abdullah Khalid Al-Khalidi, Mutlaq Salah Al-Mutlaq, Design of Centralized Medical Waste Incinerator



- Facility for Dammam Metropolitan Hospitals, supervised by Dr. Nuhu Dalhat Mu'azu and Dr. Cevat Yaman (Zoom Meeting: <https://iauvle.zoom.us/j/94860196189?pwd=RFIINURydUhEQnFWVEhNSEhxbUFBQj09>; Meeting ID: 948 6019 6189; Password: 110520)
- 2) Ahmad Saud Al-Semari, Mohammed Rashid Badgar, Abdullah Omar Al-Amoudi & Khalid Abdullah Al-Otaibi, Air Quality DRONE: DESIGN OF SMART INDOOR AND OUTDOOR AIR POLLUTANTS SAMPLING, supervised by Dr. Ömer AĞA, Dr. İsmail ANIL & Dr. Ibrahim Algaman. (Zoom Meeting: <https://iauvle.zoom.us/j/92266277188> Meeting ID: 922 6627 7188)
- N. **Member Jury (panel, viva) senior design projects (ENVEN 521):** Member jury for the following successful B.Sc. Environmental Engineering students at the College of Engineering, Imam Abdulrahman AlFaisal University, KSA
- a) On Thursday 31st December 2020, via Zoom.us jury exam meeting
- 1) Rayan Talal [2170007068], Swwar Zaher [2170005167], Qussai AlQahtani [2170005316], and Hamood AlDosari [2170002980], Conceptual design & energy generation from municipal solid waste landfill gas, Project Code: [ENVEN-2001].
 - 2) Abdullah Al-Dosari [2170000005], and Amjd AlKhalaf [2170002540], Design environmental analysis of reclaimed asphalt & tank-bottom oil-sludge waste hot asphalt concrete mix composite, Project Code: [ENVEN-2002].
 - 3) Ayman AlRadi [2170002215], Mustafa Almohammedali [2170002193], Yakooob AlJasir [2170004750], and Yazeed AlKhathami [2170002411], Design of brackish water distribution network & testing of synthetic corrosion inhibitors for the protection of the pipe under aggressive KSA environments, Project Code: [ENVEN-2004]
- O. **Member Jury (panel, viva) for the course "The Introduction to Engineering, ENG 251"** final exam conducted on Thursday the 9th of October 2020, Wednesday, 7/11/2020m From 5:00 to 7:00 pm, KSA time. Zoom link: <https://iauvle.zoom.us/j/91987497703>, Meeting ID: 919 8749 7703, 73 female students were examined from the Biomedical Engineering Department of the College of Engineering at AlRakha-Khobar, KSA.
- P. **Member Jury (panel, viva) for the course "The Introduction to Engineering, ENG 251"** final exam conducted on Thursday the 3rd of December 2020, From 8:00 to 13:00, and 15:00-17:00 KSA time. Zoom link: <https://iauvle.zoom.us/j/91987497703>, Meeting ID: 919 8749 7703, 73 female students were examined from the College of Engineering at AlRakha-Khobar, KSA.
- Q. **Member Jury (panel, viva) final year projects (ENVEN 521):** Member jury for the following successful B.Sc. Environmental Engineering students at the Department of Environmental Engineering, Faculty of Water and Environmental Engineering, Sudan University for Science & Technology, 27 February 2022, Badi Lecture Hall, AlKadaro, Bhri Town, Khartoum:
- b) Abdulsamad Abdullah Mohammed Ahmed, Faiz Mohammed Nagib Yasin Khodari, Fathalaiem Mohammed Mohammed Elhassan Suleiman, and Waliieldin Atif Dafallah Mohammed, Assessment of the efficiency of wastewater treatment unit at a medical military hospital in Omdurman.
 - c) Abdubaker Ali Babeker Eseed, Bakri Musbah Ali Mahmoud, Fawzia Albagir Hamza Ahmad, Mohammed Osman Mohammed Ahmed, and Thwaiba Ibrahim Farah Eldoor Kabashi Assessment of the wastewater effluent from Savola factory
 - d) Rufaida Muhammad Hajj Okasha, Ola Sayed Ahmed Ali Al-Hassan, Maryam Othman Ahmed, and Waddah Mustafa Saleh Abdel-Majid, Benefit from slaughterhouse waste by producing biogas and organic fertilizer and generating electricity by applying it to the Kadro slaughterhouse.
 - e) Algali Muhammad Ismail Idris, Abdel Moneim Ismail Abdullah Abdul Karim, Muhammad Hammad Hussein Sharif, and Muddathir Ibrahim Adam Muhammad, Production of biogas from wastewater.
 - f) Bashir Ibrahim Hammad Muhammad, Rami Abdul Majid Adam Harn, Abdullah Ali Muhammad Ahmad, and Imran Muhammad Mahjoub Al Mubarak, Generating electricity from organic waste: a case study.
 - g) Buthaina Hassan Abd al-Rahman Hassan, Dalia al-Tayyib al-Siddiq Hussein, Ali Saif al-Dawla Ali Hamza, and Omar al-Siddiq Muhammad Othman, Slaughterhouse wastewater treatment and reuse: a case study of evaluating a meat slaughterhouse wastewater treatment plant.



- R. Member Jury (panel, viva) final year projects (ENVEN 521):** Member jury for the a number of successful B.Sc. Environmental Engineering students at the Department of Environmental Engineering, Faculty of Water and Environmental Engineering, Sudan University for Science & Technology, 7 March 2023, Badi Lecture Hall, AlKadaro, Bhri Town, Khartoum.

2.6] Participation in Committees and Boards:

2.6.1) Colleges and Departments:

2.6.1a) Examinations:

- 1) "Member of the Examination Committee" as a representative of the Civil Engineering Department, Faculty of Engineering and Architecture, University of Khartoum, Sudan, 1982 to 1985.
- 2) External examiner for the Civil Engineering Dept. of the College of Engineering, AlAzhari University, 3 March 2003.
- 3) Member external examination panel for postgraduate diploma students, Nuclear Physics, Council of Atomic Energy, Sudan Academy of Sciences, SAS, 2006.
- 4) Postgraduate groundwater students, Council of Engineering Studies and Industrial Technologies, SAS, 2006.
- 5) Setter of examinations, General Administration for Examinations and Evaluation, Ministry of Education, 23 Feb. 2005, 3 Oct. 2005, December 2007.
- 6) Member examination committee, Civil Eng. Dept., College of Eng., SUST, Feb. 2008 to July 2008.
- 7) Member, panel for oral presentation evaluation for library skills subject (HUMN 201) on 27-28 December 2011, Studio room, building 900, College of engineering, environmental engineering department, Dammam university for 9 groups of students (a group consists of 4 – 6 students).

2.6.1b) Coordination and academic supervision:

- 1) "Coordinator of the Diploma and M.Sc. courses in Environmental Engineering (Sanitary Engineering)", Faculty of Engineering and Architecture, University of Khartoum, Sudan, July 1982 to Dec. 1986.
- 2) "Coordinator of the Intermediate Diploma course in Sanitary Engineering, Institute of Extra-Mural Studies", University of Khartoum, Sudan, July 1985 to August 1986.
- 3) "Supervisor of the Civil Engineering Students Society, Faculty of Engineering and Architecture, University of Khartoum, Sudan," 1987 to August 1988.
- 4) "Academic Supervisor of seven Civil Engineering students, Faculty of Engineering, University of United Arab Emirates". April 1989 to Oct. 1990.
- 5) "Supervisor of the Environmental Engineering Laboratory", Civil Engineering Department, Faculty of Engineering, University of United Arab Emirates, 10 Sept. 1988 to 13 Jan. 1990.
- 6) "Academic Supervisor for Summer Training to Civil Engineering Candidates, Faculty of Engineering, UAE University", 10 June 1990 to 12 July 1990.
- 7) "Academic Supervisor of Six Civil Engineering students, Intake 1989, Civil Engineering Department, College of Engineering, Sultan Qaboos University, Al Khod/Muscat, Sultanate of Oman, 1992 to November 1996.
- 8) "Academic Supervisor of Ten Civil Engineering students, Semester 5, intake September 1991, Civil Engineering Department, College of Engineering, Sultan Qaboos University, Al Khod/Muscat, Sultanate of Oman, 1992 to November 1996.
- 9) "Supervisor of the Environmental Engineering Students, Faculty of Engineering, University of Dammam, Saudi Arabia," Dec. 2010 to date.

2.6.1c) Course Structuring and Evaluation:

- 1) "Member of Committee that had Restructured and Updated the Course for the M.Sc. Environmental Engineering, Civil Engineering Department, Faculty of Engineering and Architecture, University of Khartoum, Sudan". 1982 - 1984.
- 2) "Member Committee for Evaluating the General Chemistry Syllabus offered to the Faculty of Engineering candidates", as a representative of the Civil Engineering Department, Faculty of Engineering, University of United Arab Emirates, 8 Nov. 1989 to 3 Oct. 1990.
- 3) "Member Committee that has Restructured and Updated the Student's Academic Curriculum and Study Plan to the Civil Engineering Department, Faculty of Engineering, University of United Arab Emirates", 4 Dec. 1989 to 19 Feb. 1990.
- 4) Member of the working party from the college of engineering (SQU) that formulated the M.Sc. water resources engineering course (4 October to 29 October 1995).
- 5) Member of the committee that restructured the courses, syllabi, and cohort (diploma and B.Sc.) of the Faculty of



- Engineering at SUST, during the period 10 August to October 1997.
- 6) Member of the committee that restructured the courses, syllabi, and cohort of Wad AlMagboul Institute for Earth Science for diploma M.Sc. and B.Sc. programs, SUST, during the period 10 August to 11 October 1997.
 - 7) Member committee that prepared the M.Sc. program in environmental science for the UNESCO Chair for Water Resources, 1st October 1997 to December 1997.
 - 8) Head of the team that structured the M.Sc. programs in the environment for the whole university colleges, SUST, October-November 1999.
 - 9) Head team that formulated the technical diploma in environmental engineering, Faculty of Technology and Human Development, SUST, October-November 1999.
 - 10) Member preparation of courses for the college of technology and development, AlAzhari University, April 1999.
 - 11) Member Central Research committee, SUST, Administrative decree, 1999.
 - 12) Evaluation and improvement of the curriculum of the Environmental Health Department, College of Community Health and Environmental Health, University of Khartoum, 2001.
 - 13) Head of the team that formulated the technical diploma in environmental engineering, Faculty of Technology and Human Development, SUST, October-November 1999.
 - 14) Head team that formulated M.Sc. environmental engineering program, Faculty of Engineering, SUST, 1999.
 - 15) Member committee for policies and academic capacity development, Administrative decree SUST university council, 2002.
 - 16) Member Technical Committee for establishing a vision and budget for the technical education curriculum of the National Centre for Curriculum Development and Educational Research, 3 Sep. 2002.
 - 17) Member task force meeting to prepare a harmonized syllabus of the African master's degree in nuclear science and technology, Sustaining African National Nuclear Institutions, project, and task number AFA V-4, organized by Sudan Atomic Energy Commission, Khartoum, 17 to 21 Sept. 2006.
 - 18) Member committee for developing technical education programs, Dean College of education decree dated 6 April 2008.
 - 19) Member committee for developing the curriculum of water resources engineering of the college of water and environmental engineering of Sudan University for science and technology, dean decree dated 12 August 2008.
 - 20) Member committee for developing the curriculum of environmental engineering of the college of water and environmental engineering of Sudan University for science and technology, dean decree dated 12 August 2008.
 - 21) Member committee for setting cohorts, curricula, course specifications, and program specifications for the departments of environmental and construction engineering of the college of engineering of King Faisal University at Dammam, Saudi Arabia during the period 14 September 2008 to May 2009.
 - 22) Member committee for developing the curriculum of energy engineering of the college of engineering of Imam Abdulrahman Bin Faisal University, dean decree # 9/41/501/2/26 dated 2 March 2017.
 - 23) Member committee for developing the curriculum of Civil and Infrastructure Engineering of the College of Engineering of Imam Abdulrahman Bin Faisal University, dean decree dated March 2017.
 - 24) Chairman of the Committee for the Establishment of the Safety and Fire Protection Program, by the decision of the Dean of the College of Engineering No. 49403 dated 06/15/1441 AH.
 - 25) Member of the project committee for the establishment of the Al-Razi College of Engineering, formed by an administrative decision by His Excellency the President of the University, on January 22, 2022.
 - 26) Chairman of the Committee for the Preparation of the Department of Environmental Engineering at Al-Razi College of Engineering, formed by an administrative decision by His Excellency the President of the University, on August 2022.

2.6.1d) Laboratories:

- 1) "Supervisor of the Sanitary Engineering Laboratory", Civil Engineering Department, Faculty of Engineering and Architecture, University of Khartoum, Sudan, July 1982 to Dec. 1986.
- 2) "Supervisor of the Environmental Engineering Laboratory", Civil Engineering Department, College of Engineering, Sultan Qaboos University, Al-Khod/Muscat, Sultanate of Oman, Jan. 1991 to November 1996. This is in close coordination with Dr. A. Al-Zawahry.

2.6.1e) Library:

- 1) "Member Library Committee" as a representative of the Civil Engineering Department, Faculty of Engineering and Architecture, University of Khartoum, Sudan, 1983 to 1986.
- 2) "Member Library and Textbooks Books Committee" as a representative of the Civil Engineering Department, Faculty of Engineering, University of United Arab Emirates for the academic year 1988/1989.



- 3) Member National Library Board of Directors, 28 March 2002 to 2006.

2.6.2) Board of Directors Membership:

- 1) "Member of the Board of Directors for the National Water Administration" as a representative of the Faculty of Engineering and Architecture, University of Khartoum, Sudan, 3 April 1984 to 22 Jan. 1986.
- 2) "Member Administrative Council, School of Hygiene and Environmental Studies, Khartoum, Sudan" as a representative of the Faculty of Engineering and Architecture, University of Khartoum, Sudan, 19 Nov. 1984 to August 1988.
- 3) "Member Administrative Council, Institute of Environmental Studies, University of Khartoum, Sudan" as a representative of the Faculty of Engineering and Architecture, University of Khartoum, Sudan, 14 March 1987 to August 1988.
- 4) "Member Faculty of Engineering and Architecture Board" as a representative of the Civil Engineering Department, and as the Secretary of the Faculty Research Board, Faculty of Engineering and Architecture, University of Khartoum, Sudan, 14 March 1987 to August 1988.
- 5) "Member University of Khartoum Staff Members Association", Sudan, 1987 to 1988.
- 6) Member UNESCO Chair for Water Resources Board of Directors, Omdurman Islamic University, 1995 to 2003.
- 7) Member of the college board, Faculty of Engineering, SUST, August 1997 to 2003 and 2007 to September 2008.
- 8) Member Executive Council for Science and Technology Journal, SUST, 22 May 1999 to 2002.
- 9) Member College of Postgraduate Studies, SUST, 11 Sept. 1999 13 July 2002.
- 10) Member National Fund for Fostering Innovators, Ministerial decree, Ministry of Culture and Information, 2000.
- 11) Member SUST University Council. SUST, 21 Jan. 2002 to 13 July 2002.
- 12) President General Committee for Innovators in technology and cultural industries at Ministry of Culture, 14 Jan 2002.
- 13) Member committee on cultural industries at the Ministry of Culture, 14 Jan 2002.
- 14) Member of scientific council Karary College of Technology, 2001 to 2002.
- 15) National Innovator, Member National Fund for Fostering Innovators, Ministerial decree, Ministry of Culture, ElSahafa newspaper, Monday 26 August 2002, pp.10
- 16) Member committee for unified training, Managerial decree no. 22, Undersecretary of the Ministry of Science and Technology, 1 Oct. to 14 Oct. 2002.
- 17) Member scientific council ElMashreq College of Science and Technology, Fax 00249 13 213430, www.elmashreq.net, 2004 to 2007.
- 18) Chairman coordinating council for scientific research and industrial technologies, SAS, Administrative decision, 2004 to 2005.
- 19) Member Administrative Council of the Curriculum and Educational Research, Cabinet of Minister's decree no. 28/2005, dated 13 Jan. 2005 to September 2008.
- 20) Chairman approval committee of industrial technologies, ministerial decree, Ministry of Science and Technology 2003 to 2004.
- 21) Member Executive Council, Khartoum College of Technology, Box 15027, Tel 83/438772 - 438773-438774, 26 Feb. 2007 to Sept. 2008.
- 22) Member College of Engineering Council, SUST, 15 August 2007 to Sept. 2008.
- 23) Member College of Engineering Research Council, SUST, 15 August 2007 to Sept. 2008.
- 24) Member College of Water and Environmental Engineering Council, SUST, 15 August 2007 to Sept. 2008.
- 25) Member Center for Consultancy and Environmental Integrated Solutions, approved by the General Authority of Meteorology and Environmental Protection, KSA, #6105, dated 15/3/1442H
- 26) Member of the Council of the Deanship of Graduate Studies, a representative of the College of Engineering, IAU, Administrative Resolution No. 42/39645 dated 21/66/1442 AH
- 27) Member of Board of Trustees of Al-Razi University - Khartoum - Sudan, August 2022 to September 2022.
- 28) Member of the Board of the College of Water and Environmental Engineering at Sudan University of Science and Technology, Administrative Decision No. 3 of 2022 from the Dean of the College on May 26, 2022
- 29) Member of the Technical Committee to study the extraction of biogas from sewage plants, Resolution 13 of 2022, General Manager, Al-Sobodan Electricity Holding Company Limited

2.6.3) Professional Societies and Councils:

- 1) Member Sudan Engineering Society Executive Council, 1995 to Sept. 2008.
- 2) Vice President and member of the Cultural Committee of the Sudan Engineering Society, 1996 to Sept. 2008.
- 3) Member environment committee, Sudan Engineering Society, 1 Jan. 2007 to Sept. 2008.



- 4) Member membership committee, Sudan Engineering Society, 1 Jan. 2007 to Sept. 2008.
- 5) Member Sudanese Engineers Executive Council, September 1997 to Sept. 2008
- 6) Member of academic committee, Sudanese Engineers Council, 1998 to 2002.
- 7) Vice president Academic Committee, Sudan Engineering Council, 2002 to 2004.
- 8) Member Scientific Council, Dammam University (King Faisal University), Dammam, Saudi Arabia, 15 December 2009 to January 2012 (University Council Board – Amanah - decree number 7/mgd dated 1/2/1431H).
- 9) Member Permanent Committee for Publishing and Scientific Research, Dammam University Scientific Council, Dammam, Saudi Arabia, Administrative decision of Dammam university president number 43, March 2011 to January 2012.
- 10) Member of the Advisory Council of the Water and Environment Organization formed by a decision of the head of the executive office of the organization on August 31, 2022

2.6.4) Secretary:

- 1) "Secretary of the Faculty of Engineering and Architecture Research Board", University of Khartoum, Sudan, 8 September 1987 to August 1988.
- 2) "Secretary of the Council of the Civil Engineering Department", Faculty of Engineering, University of United Arab Emirates, April 1989 to Sept. 1990.
- 3) Secretary Steering and Fellowship Technical Committee National Program for Capacity Building and Human Development, A Presidential Decree NO. 332 for the year 1999, issued 12 Oct. 1999.
- 4) Secretary Sudan Engineering Society Council, 25 Feb. 2004 to 31 Dec. 2004.

2.6.5) Founder:

- 1) Diploma in sanitary engineering, Institute of Extra Mural Studies, UK, 1986.
- 2) Sudan University Press Publishing and Distributing House, 26th October 1997.
- 3) Scientific Research and Foreign Affairs Centre, SUST, 14th December 1998
- 4) Diploma and M.Sc. courses in Environmental Engineering (Sanitary Engineering)", Faculty of Engineering, SUST October 1999.
- 5) Science and Technology Journal ISSN 1605-427X, SUST, Accepted by the National Press Council, 5 April 1999.
- 6) Engineering and Technology Journal ISSN 1680-9548, SUST, Accepted by the National Press Council, 5 April 1999.
- 7) Engineer Newspaper, SUST, 2002
- 8) Technological Researches Journal ISSN 1680-9548, Industrial Research and Consultancy Centre, IRCC, 2002.
- 9) Initiator UNESCO Chair for transfer of technology, SAS, 2004.
- 10) Sudan Academy of Sciences (A governmental university for postgraduate studies), 2004.
- 11) Office of Trade Point at the Industrial Research and Consultancy Centre in collaboration with the Trade Point of the Ministry of Foreign Trade, 2004.
- 12) Sudan Academy of Sciences Journal, ISSN 1680-9548, SAS, Accepted by the National Press Council, 2005.
- 13) Sudan Academy of Sciences Journal, ISSN 1680-9548, SAS, Accepted by the National Press Council, 2005.
- 14) Sudan Academy of Sciences Publishing and Distrusting House, SAS, Khartoum, 2006.
- 15) Environmental Engineering Dep., College of Engineering, Dammam University, 2008.
- 16) Development and Training Unit, Deanship of Graduate Studies, Dammam University, 1/2/1438 H by Dean decree# 9803.

2.6.6) Editor-in-chief:

- 1) Sudan Engineering Society Journal, ISSN 0049-2469, P.O. Box 759 Khartoum, Sudan, 1983 to 1988. (Member editorial board)
- 2) Science and Technology Journal ISSN 1605-427X, SUST, Accepted by the National Press Council, 5 April 1999 2002 (Founder, and Editor-in-chief).
- 3) Engineering and Technology Journal ISSN 1680-9548, SUST, Accepted by the National Press Council, 5 April 1999 to 2003. (Founder and Editor-in-chief).
- 4) Engineer Newspaper, 2002 to 2002. (Founder and co-editor-in-chief).
- 5) Technological Researches Journal ISSN 1680-9548, Industrial Research and Consultancy Centre, IRCC, 2002 to 2005 (Founder, and Editor-in-chief).
- 6) Sudan Academy of Sciences Journal, ISSN 1680-9548, SAS, Accepted by the National Press Council, 2005 to August 2007. (Founder and Editor-in-chief).
- 7) Editor-in-chief Science and Technology Council, Sudan University for Science and Technology, Vice-chancellor



- decree no. 36/2008 dated 17 July 2008 to Sept. 2008.
- 8) Water and environment journal, UNESCO Chair in Water Resources, Khartoum, Sudan, August 2016 (Member editorial board) UNESCO Chair in Water Resource- Omdurman Islamic University Atbara Street and Gamhoria Street intersection P.O. box 1244 Phones: +249183781263 UNESCOchair_journal@gmail.com
 - 9) International Journal of Earth Science and Geology, <https://madridge.org/journal-earth-science-geology/editors.php>, Madridge Publishers, Email: contact@madridge.org, May 2018 (Member editorial board)
 - 10) International Journal of Material Science and Research, IJMSR (ISSN 2638-1559) Madridge Publishers, September 2018 to date, online profile: <http://madridge.org/journal-material-science-research/editors.php> (Member editorial board)
 - 11) Section editor in Civil and Survey Engineering Section at JECS, SUST, March 2019 to date.
 - 12) Member editorial board Trends in Biotechnology and Biochemistry of online organization of Aniyah Science Med, arya@aniyahsciencemed.com, April 2019 to date.
 - 13) Member editorial board Journal of Pharmaceutical Sciences and Drug Discovery, <https://manuscriptscientific.com/editorialboard/2/journal-of-pharmaceutical-sciences-and-drug-discovery>, Governed by ResGenesis Technology Solutions Pvt. Ltd., Plot No 85, Ramjeet Nagar, Albatia Road, Jagdish pura Agra- 282007, Uttar Pradesh, INDIA
 - 14) Editor, Scientific Research Publishing (SCIRP), <https://www.scirp.org/journal/detailedInfoofeditorialboard.aspx?personid=11225?>

2.6.7) Appointment and Promotion Committees:

- 1) "A Member of the Committee that Sorted out Applications for the Job of Assistant Professors to the Civil Engineering Department, Faculty of Engineering, UAE University for the academic year 1990/1991", September 1989.
- 2) AlAzhari University.
- 3) Hydraulic Research Station, Wad-Medani, Box 318, Fax 0511 859700, 31 Aug. 2005.
- 4) Chairman promotion and recruitment committee for staff members, SAS, 2005 to August 2007.
- 5) Member recruitment committee for researchers and specialists at the National Centre for Curriculum and Educational Research, Bakht-el-ruda, 2005.
- 6) Chairman Sudan Academy for Sciences appointment and promotion central committee, SAS, 23 May 2005 to August 2007.
- 7) National Centre for Curriculum and Educational Research, Bakht-er-Ruda, 17 Oct. 2004, 10 Sept. 2005 to Sept. 2008.
- 8) Member selection committee to recruit project coordinator, Bujumbura, Burundi, 11-16 June 2008.
- 9) Member, assistantship exam and interview committee, conducted on Wednesday 22 May 2013, Bld. 800 Meeting Room, five applicants were interviewed for teaching assistance, TA, job to environmental engineering dept. of the college of engineering, Dammam University, KSA.
- 10) Member, assistantship exam and interview committee, conducted on December 2015, Bld. 500, Deputy Dean for Quality Office, three applicants were interviewed for teaching assistance, TA, job to environmental engineering dept. of College of Engineering, Dammam University, KSA.
- 11) Member teaching assistants interview committee, conducted on Thursday 2nd June 2016, Bld. 500, Deans' Office, five applicants were interviewed for teaching assistance, TA, job to environmental engineering dept. of College of Engineering, Dammam University, KSA

2.6.8) Publications and Intellectual Property:

- 1) Member of writing and publication committee of the Sudan University of Science and Technology, 27 August to 2003.
- 2) Member committee that prepared the "Publication and writing article and bylaws" of SUST, August 1997 to October 1997.
- 3) Member of the task force that updated and evaluated the mechanical engineering dictionary of ALECSO for the High Corporation of Urbanisation, Khartoum, from 26th July to 2nd September 1997.
- 4) Member committee for protecting schoolbooks, Ministerial decree, Education Corporation for printing and distribution, 2000.
- 5) Member Publications committee, Sudan Engineering Society, Feb. 2007 to Sept. 2008.
- 6) Member consultancy council for Sudan Academy of Sciences Journal, Managerial decision no. 2/2007 dated 18 Jan. 2007.
- 7) Chairman publishing committee Sudan Academy of Sciences Journal, Managerial decision no. 3/2007 dated 18



- Jan. 2007.
- 8) Chairman Board of directors' academy magazine, Sudan Academy of Sciences, Managerial decision no. 5/2007 dated 18 Jan. 2007.
 - 9) Publications Committee, Sudan engineering society, Feb. 2007 to Sept. 2008.
 - 10) Chair committee for college booklets and website page, Deputy Dean Decree, college of engineering, SUST, dated 7 Jan. 2008.
 - 11) Review Board Member for 'Journal of Food Chemistry and Nutrition' <http://escijournals.net/JFCN>, Friday, Feb 22, 2013, to date.
 - 12) Member editorial board Engineering and Technology Journal, as per the letter of appointment from Dean Scientific Research, Sudan University for Science & Technology, April 29, 2013, to date.
 - 13) Member editorial board of the international journal of agricultural extension, Int. J. Agr. Ext. ijae@escijournals.org, ijae@escijournals.net, October 2013 to date.
 - 14) Member Pinnacle Journals Editorial Board, editor@pjpub.org, 10 December 2013 – to date.
 - 15) Reviewer Management Studies journal, David Publishing Company, 1840 Industrial Drive, Suite 160, Libertyville, IL 60048, USA, tel: 323-984-7526, fax 323-984-7373, <http://www.davidpublisher.com>, management.davidpublishing@hotmail.com, ISSN 2328-2185, USA).
 - 16) Reviewer Journal of Engineering Research, <https://kuwaitjournals.org/jer/index.php/JER/home>, Print ISSN: 2307-1877 and Online ISSN: 2307-1885

2.6.9) Networking:

- 1) Member Virtual alumni community and collaborative platforms of UNESCO-IHE, Username: Abdel 14, Password: trocri78. UNESCO-IHE Institute for Water Education, Box 3015, 2601 DA Delft, the Netherlands, <http://www.unescoihe.org>, e.kok@unesco-ihe.org.
- 2) Chair International collaboration committee, College of Engineering, Dammam University, Sept. 2011 to date by directives of the Dean of the college.

2.6.10) Conference Steering Committees:

- 1) "Member of the Steering Committee for the Conference on Water Desalination" took place at UAE University in March 1992.
- 2) "Member and convener of the national steering committee for capacity building and human development", formed by Presidential decree number 332 for the year 1999 issued on 12th Oct. 1999.
- 3) Member Seminars and conferences committee, SUST, 1999 to 2002.
- 4) Member committee "peer assessment" workshop, College of Architecture & Planning, Dammam University, 5/1/1434H.
- 5) Member Seminars committee UN's World Water "Water jobs", organized by Environmental Engineering Dept. event, 2016, University of Dammam, Dammam, KSA.
- 6) Member Organizing Committee organized by the Association of International Society of Environmental Relationship and Sustainability (ISERS) and BioLeagues Worldwide, 2nd International Conference in the field of Climate Change Impact on highlighting the theme "Research Tools and Approaches to Improve Effective Responses to Climate Change" on 25th & 26th May 2021, at Kuala Lumpur, Malaysia, <https://www.globalclimatecon.com/organizing-committee.php>

2.6.11) Student Conference Steering Committees Advisor:

- 1) First environmental engineering students conference on "solid waste management in KSA", organized by fourth-year Students of the Dept. of Environmental Eng., College of Eng., Dammam University, held on Wednesday 8th May 2013 – 28 Jumadi Thani 1434H, Conference venue: Building 800, Room 834C (Steering committee adviser)
- 2) First Sanitary Engineering Students Conference in KSA, organized by 5th-year Construction engineering students, held at Building 800, Room 836, College of Engineering, Dammam University, Raka, Kingdom of Saudi Arabia, December 1, 2013 – 28 Muharam 1434H Conference venue: Building 800, Room 834C (Steering committee adviser)
- 3) First Public health Engineering Students Conference in KSA, organized by 5th-year Environmental engineering students, held at Building 800, Room 836, College of Engineering, Dammam University, Raka, Kingdom of Saudi Arabia, Wednesday 5 March 2014 Conference venue: Building 800, Room 837C (Steering committee adviser)
- 4) First Library Skills Engineering Students Conference, organized by Fresh Year Students of the Dept. of Biomedical Eng., College of Eng., Dammam University, Building 800, Room B, Wednesday 16th December 2015.



- 5) First Water Supply Engineering Student Symposium (FWSESS) in KSA”, Organized by fourth-year Students of the Dept. of Environmental Eng., College of Eng., Imam Abdulrahman Bin Faisal University, Building A13, Room Ibn al Haithem auditorium, 31 March 2019.

2.6.12) General Committees Nationally:

- 1) "Member Engineers-day Committee", Faculty of Engineering, University of United Arab Emirates, UAE University, 10 Aug. 1989 to Aug. 1990.
- 2) "Member Working Group Addressing Problems of Storm-water and Wastewater at the Girl's College, UAE University", 4 June 1990 to 9 Nov. 1990.
- 3) "Member Committee for Setting Drinking Water Standards for the Sudan", 1 - 5 March 1987, Khartoum, Sudan; jointly organized by the WHO; National Chemical Laboratory; AND Ministry of Health (Khartoum, Sudan).
- 4) Member UNESCO Chair for Water Resources, Omdurman Islamic University, 1995 to 1998.
- 5) President Policy and follow-up Committee, Juba University, April 1997 to December 1998.
- 6) Head of a team that studied the relevance of the B.Sc. in animal production to related colleges, SUST, November 1999.
- 7) Member committee for setting policies and programs for Sudan to deal with globalization phenomenon, Ministry of Higher Education and Scientific Research, 1999.
- 8) Deputy chair committee for preparing overview to promote printing and distribution in Sudan, Ministry of Culture and Tourism, Ministerial decree 2001.
- 9) Member Technical Committee for Awareness of AIDS Hazards, Student Deanship, SUST, 9 July 2001 to 2002.
- 10) Member committee for offering title of an innovator in fields of culture and arts and industrial culture, Ministry of Culture, 2002.
- 11) Member specialized committee in information technology, Ministerial decree, Ministry of Science and Technology, 2002.
- 12) Member policy and academic level improvement committee, SUST University Council, 9 March 2002, 3 March 2003.
- 13) Member committee for formulating bylaws for aiding Arabization and translation and authoring of university book, Ministerial decree, Ministry of Higher Education and Scientific Research, 2002.
- 14) Member evaluation committee for the placement of the Industrial Food Centre of the Agricultural Research Corporation within the Ministry of Science and Technology Structure, Administrative decree no. 10, 2003, Ministry of Science and Technology, 25 Feb. 2003 to 3 March 2003.
- 15) Member Consultancy Council for Developing and Improving Leather Industry and Leather Products, Ministerial decree no. 7, 2003, Ministry of Industry and Investment, 30 March 2003.
- 16) President committee for establishing higher studies at Ministry of Science and Technology (Khartoum Bahri University), Administrative decree no. 31, 2002, 22 Dec. 2002 to 1 Feb. 2003.
- 17) Member and convener of training committee of the National Council of Science and Technology, Ministerial decree no. 1, 2003, 1 Feb. 2003.
- 18) Chairman Committee for evaluating internal researches at IRC, 12 Dec. 2002.
- 19) Member SPaKTEN (Sudanese Partnership for Knowledge Transfer through Expatriates Nationals), Administrative decree no. 23/2005 dated 12 June 2005, Organizing Organ for Sudanese Working Abroad, www.sswa-sd.net, Fax 83 432944 – 83 428414.
- 20) Member Council for Organizing Consultancy Services Experience House, 2003 to 6 Oct. 2004.
- 21) Member Higher Committee for Investment, Administrative decree no. 13/2005, dated 21 May 2005.
- 22) Member Committee for self-recruitment of women and children, MOST in collaboration with Ministry of Social Affairs, MOST administrative decree no. 25/2005, dated 6 Oct. 2005
- 23) Member Training of trainers' team for engineering sciences principal for third-year high secondary schools, Ministry of Education, Khartoum, 29 June to 8 July 2002.
- 24) Member committee of higher education and scientific research at the engineering committee of the National Council of Higher Education, 13 March 2002.
- 25) Member evaluation committee for the placement of the Industrial Food Centre of the Agricultural Research Corporation within the Ministry of Science and Technology Structure, Administrative decree no. 10, 2003, Ministry of Science and Technology, 25 Feb. 2003 to 3 March 2003.
- 26) Member Consultancy Council for Developing and Improving Leather Industry and Leather Products, Ministerial decree no. 7, 2003, Ministry of Industry and Investment, 30 March 2003.
- 27) President committee for establishing higher studies at Ministry of Science and Technology (Khartoum Bahri University), Administrative decree no. 31, 2002, 22 Dec. 2002 to 1 Feb. 2003.



- 28) Member and convener of training committee of the National Council of Science and Technology, Ministerial decree no. 1, 2003, 1 Feb. 2003.
- 29) President of Committee for evaluating internal researches at IRC, 12 Dec. 2002.
- 30) Member Minister's Council, Ministry of Science and Technology, 2002 to August 2007.
- 31) Member National Council for Science and Technology, 2002 to August 2007.
- 32) Member National Council for Higher Education, Ministry of Higher Education and Scientific Research, 2006 to August 2007.
- 33) Member National Council for General Education, Ministry of Education, 2005 to September 2008.
- 34) Member SPaKTEN (Sudanese Partnership for Knowledge Transfer through Expatriates Nationals), Administrative decree no. 23/2005 dated 12 June 2005, Organizing Organ for Sudanese Working Abroad, www.sswa-sd.net, Fax 83 432944 – 83 428414.
- 35) Member Council for Organizing Consultancy Services Experience House, to 6 Oct. 2004.
- 36) Member Higher Committee for Investment, Administrative decree no. 13/2005, dated 21 May 2005.
- 37) Member Committee for self-recruitment of women and children, MOST in collaboration with Ministry of Social Affairs, MOST administrative decree no. 25/2005, dated 6 Oct. 2005
- 38) President, Committee for the ways and means to achieve special scientific achievements having economic, social, and environmental impacts, taking into concern the economic and social development, available resources, Ministry of Science and Technology, managerial decree n0. 2, 2007.
- 39) Member committee status of research pensioners at the Ministry of Science and Technology, Ministerial decree no. 5, 2006, dated 23rd May 2006 (Report delivered on 28 May 2006).
- 40) Member Scientific Research Council, SUST, Administration Decree no. 1/2008 dated 5 January 2008.
- 41) Member. National Committee for developing industrial building material sector, Ministry of Industry, Minister's decree no. 2, dated 13 August 2007, representative of the college of engineering, SUST.

2.6.13) Universities and Related Institutions:

- 1) Member consultancy committee, SUST University Council, 9 March 2002.
- 2) Member SUST University Council. SUST, 21 Jan. 2002 to 13 July 2002.
- 3) Member Consultancy committee, SUST University Council, 9 March 2002.
- 4) Member policy and academic level improvement committee, SUST University Council, 9 March 2002, 3 March 2003.
- 5) Member Arab Universities Association Board of Presidents, 2007.
- 6) Member African Universities Association Board of Presidents, 2007.
- 7) Member scientific council of the Industrial Research and Consultancy Centre, IRCC, 21 March 2007 to August 2007.
- 8) Member College Council Unit, College of Engineering, Dammam University (King Faisal University), Box 1982. September 2009 – to April 2010.
- 9) Member as a representative of the college of engineering, Committee of architectural and engineering education unit, a decree of the vice president for academic affairs, Dr. Basil bin Abdul-Rahman AlShiek, Dammam University, KSA, number 423/3/1 dated 11/5/1433H – 3/4/2012 (Member and reporter).
- 10) Member of the graduation project committee, college of engineering, university of Dammam, Dean's decision from April 2012 to May 2012.
- 11) Member committee on "College Catalogue 2012", Dean's College of Engineering decision, Dammam University, KSA, 30 Sept. 2012 to date.
- 12) Member quality and accreditation committee, Dean's College of Engineering decision, Dammam University, KSA, 30 Sept. 2012 to March 2016.
- 13) Member Steering Committees for the College of Engineering Self Study Process, Steering Committee # 1 (Environmental Engineering), Dean's College of Engineering decision, Dammam University, KSA, Jumada II, 1435H – April 2014G.
- 14) Head, Scientific Research Unit within College Vice Deanship for Graduate Studies & Scientific Research for the Academic Year 1435/1436H (2014/2015G), College of Engineering, Dammam University, Dean's degree dated Sunday 25th May 2014
- 15) Member committee for studying initiation of new programs in the college of engineering, deans' administrative decision #9/41/501/2/26 dated 26/6/1437H - //2016.
- 16) Member Saudi Journal of the built environment, for engineering specialization colleges, college of architecture and planning council during its 10th meeting, 4/7/1437H - //2016.



- 17) Member of technical committee of Accreditation Board for Engineering and Technology, ABET, Dean's College of Engineering decision # 043, Dammam University, KSA, April 2016 to 2018.
- 18) Member purchase committee in the College of Engineering, deans' administrative decision #9/41/2/501/117 dated 23/8/1437H - //2016.
- 19) Chair College of Engineering Outstanding Research and Innovation Awards for the 2016/2017 academic year. Formed by a decree from the Vice Deanship for Higher Studies and Scientific Research of the College of Engineering, April 30, 2017, to May 7, 2017.
- 20) Member Programs Committee, Graduate Studies Deanship, IAU, decree no. 12540 dated 17/2/1439H.
- 21) Participated in the personal interviews of the applicants to the graduate program in the field of environmental engineering, Monday 01/04/2019; 9 am, Location: Quality Meeting Room - College of Engineering Building A13 University of Imam Abdulrahman bin Faisal.

2.6.14) Member Reviewers Committee for the Following Scientific Refereed Journals:

- 1) "Member reviewing committee to the periodical "Industrial Cooperation in the Arabic Gulf", Gulf Organization for Industrial Consulting, Doha, Qatar, P. O. Box 5114, 25 Feb. 1991 to September 2008.
- 2) The Research Journal, Documentation and Information Centre, National Centre for Research, 2001 to August 2007.
- 3) Science and Technology Journal, SUST, 1999 to August 2002, and 2007 to Sept. 2008.
- 4) Sudan Engineering Society Journal, SES, 2004 to Sept. 2008.
- 5) Arab Science and Technology Foundation (ASTF), reviewed for submitted research proposal of Iraq Research and Development Initiative Round 4 (IRDI IV) which is managed by ASTF in collaboration with the Civilian Research & Development Foundation (CRDF), to support Iraq scientists under current exceptional circumstances. December 2011. P.O. Box 27272 - 2668 - Sharjah, U.A.E. HQ: United Arab of Emirates. <http://www.astf.net> Drinking water monitoring
- 6) Science Journal Publications, (Science Journal of Environmental Engineering Research) www.sjpub.org, Ja., editorial-asst@sjpublication.com, June 2013 to date.
- 7) Science Journals Publication, sjpub@outlook.com, Science Journal of Microbiology ISSN: 2276-8572
- 8) Journal of Environmental Health, Caroline Nashat, Editorial Office, Hindawi Publishing Corp., <http://www.hindawi.com>
- 9) Journal of Food Chemistry and Nutrition <http://escijournals.net/JFCN>, Friday, Feb 22, 2013, to date.
- 10) Engineering and Technology Journal, Sudan University for Science & Technology, April 29, 2013, to date.
- 11) Journal of Engineering and Computer Science (JECS), Deanship of Scientific Research, SUST, 2013 to date
- 12) International journal of agricultural extension, Int. J. Agr. Ext. ijae@escijournals.org, [ijae@escijournals.net](http://escijournals.net), ISSN: 2311-6110 (Online), 2311-8547 (Print), October 2013 to date.
- 13) International Journal of Educational Studies, ijes@escijournals.net, ISSN: 2312-458X (Online), 2312-4598 (Print). 250/4-A Ghouri Town, Islamabad, Pakistan. Miss Sumera Adleeb, Managing Editor,
- 14) Pinnacle Microbiology, Pinnacle Journal Publication, International Open Access Publisher, Pinnacle Journal, 6 Destiny Street, Effurun, Delta State, Nigeria. Tel. No: +2348059544096 Email: publisher@pjpub.org <http://www.pjpub.org>
- 15) Pinnacle Engineering & Technology, International open-access publisher, ISSN: 2360-9516, 6 Destiny Street, Jakpa Road, Effurun, Delta State, Nigeria, Phone: +2348059544096, Email: publisher@pjpub.org, www.pjpub.org <http://www.pjpub.org>
- 16) Scientific Journal, King Faisal University, P. O. Box 380, Hofuf 31982, Kingdom of Saudi Arabia, Tel. (0096613) 5895237 or (013) 5895238, Fax: 00966135896129 E-mail: Scijkfu@kfu.edu.sa,
- 17) World Journal of Engineering and Physical Sciences (WJEPS) (ISSN 2331-1878), <http://www.wsrjournals.org/journal/wjeps>; wjeps@wsrjournals.org; worldsjournals@gmail.com; World Science Research Journals Ltd., 1400 Washington Avenue, Albany, New York, P O BOX 3258. The USA, E-mail: info@wsrjournals.org; Journals Customer Service Department, Nigeria, E-mail: info@wsrjournals.org 2 Feb. 2015 -
- 18) Science Publications (Australia, S-71, 1a 400, King William Street, Adelaide, SA 5000, Australia, F: +61 (8) 7100 1123(, (USA, S-207, 244, 5th Avenue, New York, NY 10001, USA, F: +1 (866) 250 7082) si.proposals@scipub.org; American Journal of Environmental Sciences, 20 February 2015 to date.
- 19) Journal of Management Studies (ISSN 2328-2185, USA) Editorial Office: Management Studies (ISSN 2328-2185, USA), David Publishing Company, 1840 Industrial Drive, Suite 160, Libertyville, IL 60048, USA, Website: www.davidpublisher.com or www.davidpublishing.com, Email: management@davidpublishing.org,



- management.davidpublishing@gmail.com, management.davidpublishing@hotmail.com, Tel: 001-323-984-7526, 323-410-1082(USA) Fax: 001-323-984-7374, 323-908-0457 (USA)
- 20) International Research Journal of Public and Environmental Health, <http://www.journalissues.org/IRJPEH/>; irjpeh2016@directresearchpublishing.org; Professor Ramesh C. Gupta; Editor International Research Journal of Public and Environmental Health, E-mail: irjpehpeerreview@journalissues.org, <http://www.journalissues.org/IRJPEH/>, ISSN 2360-8803, Impact Factor: 0.386, ICV 6.57
 - 21) Journal of Management Studies (ISSN 2328-2185, USA) Editorial Office: Management Studies (ISSN 2328-2185, USA), David Publishing Company, 1840 Industrial Drive, Suite 160, Libertyville, IL 60048, USA, Website: www.davidpublisher.com or www.davidpublishing.com, Email: management@davidpublishing.org, management.davidpublishing@gmail.com, management.davidpublishing@hotmail.com, Tel: 001-323-984-7526, 323-410-1082(USA) Fax: 001-323-984-7374, 323-908-0457 (USA)
 - 22) International Journal of Agricultural Policy and Research, IJAPR Editorial Department [ijapr@journalissues.org], Prof. Hail K. Shannag, Editor, International Journal of Agricultural Policy and Research, E-mail: ijapr@journalissues.org, Website: <http://www.journalissues.org/IJAPR/>, ISSN 2350-1561, Impact Factor = 0.7364, Index Copernicus Value: 7.32
 - 23) International Journal of Ecology and Eco solution (IJEE), E-mail: ijee@netjournals.org, njs.ijee@gmail.com; www.netjournals.org, 2.6.15 Evaluation, proofreading and revision of books, Prof. Jianhua Xu Editor
 - 24) International Robotics & Automatic Journal, Email: robotics@medcraveonline.org.
 - 25) COLLNET Journal of Scientometrics and Information Management, ScholarOne Manuscripts site at <https://mc.manuscriptcentral.com/tsim>
 - 26) Current Journal of Applied Science and Technology, <http://www.sciencedomain.org/journal/10/editorial-policy>
 - 27) Microbiology Research International, NET Journals, Open access publisher, www.netjournals.org, Prof. Shamim Ahmad Editor, Microbiology Research International E-mail: mri@netjournals.org, netjourn.mri@gmail.com
 - 28) International Journal of Academic Library and Information Science- IJALIS, <http://www.academicresearchjournals.org/IJALIS/Index.htm>, Academic Research Journals, Open Access Journals, editorial office (ijalis@academicresearchjournals.org or academicresearchjournalsijalis@yahoo.com).
 - 29) International Journal of Earth Science and Geology (IJEG) Madridge Publishers, editor.ijeg@madridgejournals.com
 - 30) The Sudan University of Science Technology, Deanship of Scientific Research, Journal of Engineering and Computer Science (JECS <http://journal.sustech.edu/index.php/JECS>)
 - 31) Water and Environment Journal, UNESCO chair in water resource (WEJ) essokrab@hotmail.com; eonsah@gmail.com
 - 32) Journal of Engineering Research (JER), Academic Publication Council of Kuwait University, Faculty of Engineering and Petroleum, Print ISSN: 2307-1877 and Online ISSN: 2307-1885, P.O.Box 17225, Khaldiyyah 72453, Kuwait, jer@ku.edu.kw, kuwaitjournals@gmail.com
 - 33) Library-Philosophy-Practice-j, Mary Bolin <editor-libphilprac-8306-2370615@dcunl.bepress.com>
 - 34) Current Journal of Applied Science and Technology, CJASt, <http://www.sciencedomain.org/journal/10/editorial-policy>

2.6.15 Evaluation, proofreading, and revision of books

- 1) Growth & Psychomotor Development for Children, by Abdulaziz Abdulkareem Almustafa, Scientific Centre for Publication, Dammam University, 27 November 2013.
 - 2) Endocrine physiology and structure, by Ibtisam Abdualh Alsiami, Scientific Centre for Publication, Dammam University, 27 November 2013.
 - 3) المساعد في الجبر الخطي , by Noura Alsalihi, Scientific Centre for Publication, Dammam University, 27 November 2013.
 - 4) النجاح السريري في إعادة المعالجات اللبية , by Imad Omer Alshiwami and Aiman Abdulmageed Ali, translated book, Scientific Centre for Publication, Dammam University, 27 November 2013.
 - 5) أخلاقيات المعلومات، علي منعم القضاة وعثمان عبد القادر عبيدات , Amman , Jordan 15 May 2014, National library number 00000/0000/2014.
 - 6) A Dictionary of Homonyms, Homophones, and Homographs, Dr. Saad Saeed M. Alamri, Reviewed and edited by Hikmat Shiglah
 - 7) The role of the advances in information technology in transforming Saudi cities: A case study of Dammam metropolitan area by Umar G. Benna and Fahad A.N. Al-Harigi, December 2014.
- محمود أحمد عبد اللطيف - المنهج التبسيطي التكامل للتعامل مع مشكلات التصميم والتخطيط والتنمية العمرانية المعاصرة، 2015
- 9) أحمد الكويتي - التعليم العالي بين الواقع والمأمول في ظل نظام ضمان الجودة، مركز النشر العلمي، جامعة الدمام، 2014



- 10) Ibtisam Abdullh Alsihami, Student's Guide to The Scientific Integrity & Proper Citation, Scientific Publications Centre, UoD, 2016
- 11) ابتسام عبد الله السحيمي، المرشد السريع لتجنب الاستغلال، مركز النشر العلمي، جامعة الدمام، 2016
- 12) دليل مركز النشر العلمي الطبعة الأولى، 2015
- 8) المصور العلمي في فسيولوجيا النبات، Dr. Shaikha Bint Saad AlAbdulkareem, Scientific illustrator in Plant Physiology by Dr. Shaikha Bint Saad AlAbdulkareem, Imam Abdulrahman AlFaisal University. January 2017.
- 9) قيادة التغيير والتطوير المنظمي، Prof. Dr. Mohammed Sarhan Khalid AlMiglafl, Imam Abdulrahman AlFaisal University. March 2017.
- 10) Fundamentals of Cardiovascular Medicine, Mohammed Fakhri AbdulMuhsin, May 2017
- 11) Mohammed Sarhan Khalid ElMikhlafl, إعادة اختراع القيادة الإدارية في ضوء الاتجاهات والنظريات الحديثة, Re-invention Administrative leadership in the light of Modern Theories & Trends
- 12) د/ فراس سليم حداد، ود/ أحمد محمد فرحان محمد، ود/ المثني يحيى عزازية، ود/ فاطمة النور، الإحصاء للاقتصاد والعلوم الإدارية، 2020
- 13) EBOOK, Adaptive Coding and Modulation for Ofdm Systems using Fuzzy Rule base Systemm MOJ Cell Science & Report, MedCrave, Reference ID: MC-18-EBOOK-208, 23 April 2018.
- 14) د. محمد شبل محمد تركي، الرياضيات البحتة وتطبيقات اقتصادية وإدارية ومالية

Membership

2.6.16) Investigation, inquiry, and discipline:

- 1) Chair and member of different investigation or inquiry or discipline committees at different universities (Juba, Sudan University for Science and Technology), 1997 to 2002.
- 2) Member inquiry committee to students at the college of engineering of the University of Dammam 2010-2011.

2.6.17) NGOs:

- 1) Member Rufaa Sons Society, Executive Committee, Damma, KSA, Non-Profitable Organization Executive Committee, 2004 to 13 Dec. 2013.
- 2) Member technical committee, SWaP, Administrative decree no. MW/48/A/4/3796, dated 7 Nov. 2005, Ministry of Irrigation and Water Resources, Box 878, Khartoum.
- 3) Member of the technical committee for preparing workshops for SWaP, Administrative internal decree, Ministry of Irrigation and Water Resources, 2005.
- 4) Member Children's bright future society for those of special needs, 2006 to date.
- 5) Member Sudanese Youth Organization for Water Resources, 2007 to date, www.syowr.org, Member board of directors.
- 6) Member Rufa'a Citizens Union in the Eastern Region, رابطة أبناء رفاة بالشرقية، Dammam, Friday 27 February 2009 to 7 January 2011.

2.6.18) Forums:

- 1) Member Research gate, <https://www.google.com>
- 2) Member Linkedin.com, <https://www.linkedin.com>
- 3) <https://independent.academia.edu/IsamAbdelMagid/Analytics#/activity/overview>
- 4) Member Sudan University for Science and Technology Forum, <http://www.sudanuniversity.net/>, membership number 905, 20 December 2008 to date.
- 5) Member King Faisal University Forum, <http://www.kfu.edu.sa>, December 2009 to date.
- 6) Member AlHandasa Net Forum, <http://www.alhandasa.net/>, 2009 to date.
- 7) Member, Arab Training Forum, <http://www.arab-training.com/>, 2009 to date.
- 8) Member Arab Engineering Organization, <http://www.arab-eng.org/>, membership number 353431, April 2009 to date.
- 9) Member self-development organization forum, <http://www.self-developments.org/forum/>, 13 April 2009 to date.
- 10) Member Free Book Spot, <http://www.freebookspot.ws/Default.aspx>, 14 April 2009 to date.
- 11) Member Rufaa for All Forum, <http://www.rufaaforall.com/>, 25 Oct. 2008 to date.
- 12) Member ALISON Free Global Learning, <http://alison.com/index2.php>, 14 April 2009 to date.
- 13) Member Dhahran City Forums, <http://www.dhahrancity.com/vb/>, 14 April 2009 to date.
- 14) Member Youth Voice Forum, <http://www.nlp700.com/vb3/member.php?u=921>, 13 April 2009 to date.
- 15) Member Alsif online forum, ahs@alsaionline.com, 9 November 2009 to date.
- 16) Alwaraq, <http://www.alwaraq.net/>
- 17) Almsoudi forums, <http://www.msoudi.com/>
- 18) Albrkal forum, <http://albrkal.com/>



- 19) Ana Soudani forum, <http://www.anasudani.net/>
- 20) AlJaleen net, <http://www.darg3l.com/>
- 21) Sub Soft forum, <http://www.sup-soft.com/>
- 22) College of Health graduates forum, <http://www.suphof.com/>
- 23) Wadbalal Society Network and Forum. <http://www.wadballal.net>
- 24) [منتديات الشبارقة السودانية](http://www.alshbarga.com) www.alshbarga.com
- 25) [موسوعة التوثيق الشامل](http://www.tawtheegonline.com) <http://www.tawtheegonline.com>
- 26) Youtube, isamabdelmagid76@gmail.com



Part Three: Publications

Publications summary	
Publication	Number
Published Papers (Refereed Journal Publications)	99
Published Articles and Technical Notes	4
Papers Presented or Published at Conferences, Congresses, and/or Seminars	91
Published English Textbooks and Handbooks (Reviewed Books)	14
Published Arabic Books	24
Edition of Published Proceedings	11
Scientific Research Publications	6
Unpublished Lecture Notes	7
Published Bulletins	11
Published Calendars	9
Book review	4
Published Translated Books from English to Arabic	8
Published Regulations	3
Published School Textbooks	3
Published General Publications	6
Published records and guidelines	2
Uploaded to ResearchGate and got DOI	14
Android apps	4
Total	320

3.1] Published Papers (Refereed Journal Publications):

Civil and Environmental Engineering

- 1) Abdel-Magid, I.M., The role of the sanitary engineer in Sudan, Water International, 9, 1984, pp. 116 - 118. (ISSN 0250-8060) (USPS 00493). (DOI:10.1080/02508068408686079)
- 2) Nawaf I. Blaisi and Abdel-Magid, I.M., Environmental Engineering Department Initiative and Declaration of Principles to Activate Vision 2030, IJSET - International Journal of Innovative Science, Engineering & Technology, Volume 4 Issue 2 February 2017, pp. 122-128, ISSN (Online) 2348 – 7968, www.ijiset.com
- 3) Mohammed Isam Mohammed Abdel-Magid and Isam Mohammed Abdel-Magid (2019), Occupational Safety and Health Footprints: An Interactive Model Approach, International Journal of Innovative Science, Engineering and Technology (IJSET) Journal, Volume 6 Issue 1 January 2019, pp. 15-20, ISSN (Online) 2348 – 7968, www.ijiset.com.
- 4) Mohammed Isam Mohammed Abdel-Magid and Isam Mohammed Abdel-Magid, Health Quality Index for Desert Cities and Populations in the Kingdom of Saudi Arabia: A Concept Paper, Indian Journal of Health and Wellbeing (IJHW), December 2019
- 5) Mounir Aref Al-Atrash, Zakai Tarifi, Muti'a Abashi, Elham Badour, Isam Mohammed Abdel-Magid, (2021) The effect of high temperatures on reinforced concrete beams, Journal of Engineering Sciences, Faculty of Engineering Science, Omdurman Islamic University, Vol. 9 #1, pp. 37 - 42, <https://journal.oiu.edu.sd/index.php/fjes/issue/view/81>, <https://journal.oiu.edu.sd/index.php/fjes/article/view/655>, <https://journal.oiu.edu.sd/index.php/fjes/article/view/655/371>
- 6) Al-Baqir Al-Tayeb Hasab Allah, Elham Badour, Isam Mohammed Abdel-Magid, (2021) Religious beliefs, concepts and behavior of using the safe way beyond traffic digitization, Journal of Engineering Sciences, Faculty of Engineering Science, Omdurman Islamic University, Vol. 9 #3, pp. 147 - 151, <https://journal.oiu.edu.sd/index.php/fjes/issue/view/83>, <https://journal.oiu.edu.sd/index.php/fjes/article/view/709>, <https://journal.oiu.edu.sd/index.php/fjes/article/view/709/480>
- 7) Eltayeb H. Onsa Elsadig, Ghassan M. T. Abdalla, Muna Mustafa Eltahir, Gasim Hayder, Abderrahim Lakhout, Isam M. Abdel-Magid, Hisham I. Abdel-Magid, Anis Ben Messaoud, Ahmed H. A. Yasin, Omer A. Sayed, and Mohamed B. Elswai (2023) Application of Fuzzy Analytical Hierarchy Process for Revising OIU, Main-Campus Masterplan to Ensure Sustainable Environment, Advances in Science, Technology & Innovation IEREK Interdisciplinary Series for Sustainable Development, Gasim Hayder Ahmed Salih, Rashid A. Saeed Editorso, Springer Nature Switzerland AG, able Development, ISBN 978-3-031-26579-2



ISBN 978-3-031-26580-8 (eBook), <https://doi.org/10.1007/978-3-031-26580-8>, pp. 83 - 90

8)

Solid waste Engineering and Management

- 9) Omar Al-Ghamdi, Bandar Makhdom, Muath Al-Faraj, Nabil Al-Akhras, Hisham I. M. Abdel-Magid, and Isam Mohammed Abdel-Magid Ahmed, Management and Recycling of Construction and Demolition Waste in Kingdom of Saudi Arabia, IJRSET - International Journal of Innovative Research in Science, Engineering and Technology, Vol. 5, Issue 6, June 2016, paper ID IJ50606354. www.ijiset.com, ISSN(Online): 2319-8753, ISSN (Print): 2347-6710. (DOI:10.15680/IJRSET.2015.0506001)
- 10) Mu'azu, N.D., Blaisi, N.I., Naji, A.A., Abdel-Magid, I.M. and AlQahtany, A., 2019. Food waste management current practices and sustainable future approaches Saudi Arabian perspectives. Journal of Material Cycles and Waste Management, 21(3), pp.678-690. , <https://doi.org/10.1007/s10163-018-0808-4>
- 11) Munir Al-Atrash, Elham Badourand Mohammed Abdel-Magid, Reconstruction strategies in the Syrian Arab Republic, 4th Conference on Civil Engineering CCE2022-Sudan,, held in Nyala, Sudan, during the period 13-15 December 2022, <http://cce2022.nyalau.edu.sd/>, Vol. 1 No. 6 (2023): U. of N. J. Appl. Sci. Special issue devoted to the 4th Conference on Civil Engineering CCE2022-Sudan | Journal of Applied Science, pp. 90-100
- 12) Mashair Anwar Saeed, Hongzhi Ma, and Isam Mohammed Abdel-Magid, Ethanol-methane coupling fermentation technology from food waste, 4th Conference on Civil Engineering CCE2022-Sudan,, held in Nyala, Sudan, during the period 13-15 December 2022, <http://cce2022.nyalau.edu.sd/>, Vol. 1 No. 6 (2023): U. of N. J. Appl. Sci. Special issue devoted to the 4th Conference on Civil Engineering CCE2022-Sudan | Journal of Applied Science, pp. 199-210
- 13) Afraa Abdelm Mahmoud Abusalih, and Isam Mohammed Abdel-Magid, Towards better storage of hazardous materials at the seaport, 4th Conference on Civil Engineering CCE2022-Sudan,, held in Nyala, Sudan, during the period 13-15 December 2022, <http://cce2022.nyalau.edu.sd/>, Vol. 2 No. 6 (2023): U. of N. J. Appl. Sci. Special issue devoted to the 4th Conference on Civil Engineering CCE2022-Sudan | Journal of Applied Science, pp. 180-185

Water Engineering

- 14) Abdel-Magid, I. M., Water treatment for rural areas with an emphasis on Sudan, Water International, 9, 1984, pp. 112 - 115. (ISSN 0250-8060) (USPS 00493). (DOI:10.1080/02508068408686078)
- 15) Abdel-Magid, I. M. and El-Hassan, B. M., Reflections on drinking water quality guidelines for Sudan, Water International, 12(1), 1987, pp. 33 - 35. (ISSN 0250-8060) (USPS 00493). (DOI:10.13140/RG.2.1.4116.7846)
- 16) Abdel-Magid, H.; Hago, A.; and Abdel-Magid, I. M., Analysis of pipe networks by the finite element method, Water International, 16(2), June 1991, pp. 96 - 101. (ISSN 0250-8060) (USPS 00493). (DOI:10.1080/02508069108686103)
- 17) Abdel-Magid, I. M. and El-Hassan, B. M., Guidelines and standards of drinking water, Environmental impact and standards in Sudan, A Book edited by Mahmoud, Z.N, Abdel-Lateef, I.M., and Ali, O.M.M., Sponsored by Friedrich Eibert Stiftung, Sudan Environment Conservation Society, September 1989, pp. 37 - 41. (Written in Arabic). (DOI: 10.13140/RG.2.1.4822.0245)
- 18) Abdel-Magid, I. M., Water and man in Sudan (Present and Future), Huroof J., Khartoum University Press, Khartoum, September 1990, pp. 80-83. (In Arabic).
- 19) Abdel-Magid, I. M. and El-Zawahry, A, Establishment of water quality guidelines for the Sultanate of Oman, Arab Water World J., Vol. 16 issues 5, September-October 1992, pp. 18 - 22. (ISSN 0255-8580) (DOI: 10.13140/RG.2.1.2532.3606)
- 20) Abdel-Magid, I. M. and Abdel-Rahman, H. A., Water conservation in Oman, Water International J., Vol. 18(2) June 1993, pp. 95 - 102. (ISSN 0250-8060) (USPS 00493). (DOI:10.1080/02508069308686155)
- 21) Abdel-Magid, I. M.; Abdel-Rahman, H. A.; El-Hassan, B. M., and El-Siddig, M. E., Evaluation of slow sand filters in some of the agricultural schemes in Sudan, Arab Construction World J., July/August 1993, Vol. XII issue #3, pp. 30-31. (ISSN 0255-8572).
- 22) Abdel-Magid, I. M., Effective Planning Strategies for National Water Authorities, Arabian Journal for Science and Engineering, King Fahad University of Petroleum and Minerals, Dhara, Saudi Arabia, Vol. 22 No. IC, June 1997, pp. 199-212, (ISSN 0377-9211)
- 23) Abdeljabar, N. B., Abdel-Magid, I. M., Hassan, A.H., Al Tahir, A. S., Ibrahim, O. B., Faris, F. G. and Saad, M. A., WESNET an important utility in water distribution network design, Bulletin of High Institute of Public



- Health, Alexandria University, Egypt, Vol. 29(1), pp. 947-952, January 1999. also published in Sudan Engineering Society Journal, July 2000, Vol. 47 No. 38, (ISSN 0049-2469)
- 24) Abdel Magid, I. M., National policy, strategy and planning for water resources, Sudan Engineering Society Journal, Issue 47 No. 39, Nov. 2001, pp. 68 - 79, ISSN 00492469 (Arabic)
 - 25) Mohammed, A. A., Ibrahim, A. A., Abdel-Magid, I. M., and Alawad, O. M. A., The future of scientific research in water, Sudan Engineering Society Journal, Issue 49 No. 41, Dec. 2003, pp. 53-60.(DOI:10.13140/RG.2.1.2347.3125)
 - 26) Al-Nadi, A., H. and Abdel-Magid, I. M., Research in water resources in Sudan, Sudan Academy of Sciences Journal, Vol. 1, No. 1, July 2006, pp. 77-113 (in Arabic).
 - 27) Mohammed, A. M. T., and Abdel-Magid, I. M., Development of database program for Management of Water Supply Systems, Industrial Research J., Vol. 5 No (1), June 2007, pp. 81 -110.
 - 28) Ahmed, T. M, El Gamri, T. and Abdel-Magid, I. M., Impacts of canal lining on some irrigation efficiencies and crop productivity, ElBuhuth journal, National Centre for Research, Khartoum, Vol 12 (1), 2008, pp. 70-82 (ISSN 1858-5827).
 - 29) Ahmed, T. M, El Gamri, T. and Abdel-Magid, I. M., Use of concrete slabs and bricks for lining canals, Journal of Science and Technology, Sudan University for Science and Technology, Khartoum, Vol. 10 No. 2, June 2009, pp.199 -213(ISSN 1605-427X).
 - 30) Abdu, T. M., El Gamri, T., Magid, A. M, Magid, I. M., Design Characteristics of Open Irrigation Channel Concrete Lining as Applied to Rawakeeb Research Station Canal, Sudan Academy of Sciences Journal, Sudan Academy for Sciences, Khartoum, Vol. 4 No. 1, 2011, pp. 1-16.
 - 31) Mahmoud, S. S., Abdel-Magid, I. M., and Saad, S. A. M., Rheological modeling of turbid river water, Sudan Engineering Society Journal, March 2012, Volume 58; No.1.
 - 32) Adam, O. M.A., and Abdel-Magid, I. M., Key Performance Indicators for Integrated Water Resources Management in some African countries, SUST Journal of Engineering and Computer Science (JECS), Vol. 16, No. 2, 2015, pp. 50-60.
 - 33) Fahad Abdullah Alharbi, Fahad Abdulmohsen Alshikh, Mohammad Alshukri, Iehab Abdel-Ilah Mohamed Omar Aga and Isam Mohammed Abdel-Magid, Quality of household water storage tanks: A case study with emphasis on Dammam metropolitan area in the Eastern Region, International Journal of Innovative Science, Engineering and Technology (IJISSET), Volume 4 Issue 2 February 2017, pp. 224-237. <http://www.ijiset.com>
 - 34) Al-Zahrani, F. S. A., Albaqshi, H. A. A., Alhelal, G. A. M., Badawi, I. A., Aga, O.O. and Abdel-Magid, I. M., Bottled water quality in KSA, International Journal of Innovative Science, Engineering and Technology (IJISSET), Volume 4 Issue 2 February 2017, pp. 345-359.
 - 35) Elham Mounir Bado, Adel Awad, Lubana Ibrahim, Isam Mohammed Abdel-Magid, Determining Groundwater Quality: The Case Study of Drinking Water Wells in the City of Masyaf, Journal of Water and Environment, UNESCO Chair in Water Resources, Omdurman Islamic University, Vol.1, Issue 2, December 2020, pp. 66 – 72, <https://drive.google.com/file/d/1-20D1e2BI8H00l8QYbNgHa23Q9xDAZHM/view>.
 - 36) Mohammed Isam Mohammed Abdelmagid, Afraa Abusalih, and. Isam Mohammed Abdel-Magid3, COVID-19, Water and Sanitation Interactive Abetment Scenarios for Low-Income Developing World, 4th Conference on Civil Engineering CCE2022-Sudan., held in Nyala, Sudan, during the period 13-15 December 2022, <http://cce2022.nyalau.edu.sd/>,DOI: 10.13140/RG.2.2.13948.00641, Vol. 1 No. 6 (2023); U. of N. J. Appl. Sci. Special issue devoted to the 4th Conference on Civil Engineering CCE2022-Sudan | Journal of Applied Science, pp. 125-137

Wastewater Engineering

- 37) Abdel-Magid, I. M., The influence of additives on the rheological properties of sewage sludges, Sudan Engineering Society J., 26, June 1984, pp. 31 - 40.
- 38) Abdel-Magid, I. M., The influence of lime and grease on dewaterability of sewage sludges, Sudan Engineering Society J., 29, Dec. 1986, pp. 26 - 32.
- 39) Zeidan, A. M.; Abdel-Magid, I. M. and Mohammed, A. H., Waste stabilization ponds design parameters: The combined effect of time and organic load, Sudan Engineering Society J., 30, 1988, pp. 24 - 29.
- 40) Abdel-Salam, T. M.; Abdel-Aziz, A. A. and Abdel-Magid, I. M., Identification and assessment of pollution aspects in vegetable oil manufacturing in Sudan, Sudan Engineering Society J., 30, 1988, pp. 30 - 36.
- 41) Abdel-Magid, I. M. and El-Hassan, B. M., Recycling of agricultural/industrial wastes: The case of wastewater from sugar factories in Sudan, Middle East Water and Sewage J., 12(2), May 1988, pp. 96-102 (ISSN 0140-5098).



- 42) Abdel-Magid, I. M. and Chalabi, M. F., Design basis for sewage treatment units by the activated sludge process, *World of Engineering periodical*, U. A. E. Society of Engrs., 19, July 1990, pp. 4 - 6.
- 43) Hassan, A., H.; Abdel-Magid, I. M., and El-Zawahri, A., Evaluation of the Updated Omani Regulations for Wastewater Reuse and Discharge, *The Journal of the Egyptian Public Health Association*, Alexandria University, Vol. LXIX, No. 3, 4, pp. 185-204, 1994, Egypt, p. 195 - 204.
- 44) Abdel-Magid, I. M.; and El-Zawahry, A., Prospects of Wastewater Reuse in Irrigation: Case Study, *Sultan Qaboos University, Civil Engineering Research Magazine*, Civil Engineering Department, Faculty of Engineering, Al-Azhar University, Nasr City, Cairo, Egypt, Vol. 16(4), April 1994, pp. 322-339. (DOI:10.13140/RG.2.1.2806.0641)
- 45) Abdel-Magid, I. M. and El-Zawahry, A, Effect of Additives on Dewatering of Sludge, *Dirasat Hundasia J.*, Vol. 7(1), 1994, pp. 22 - 37. (ISSN 1022-9884).
- 46) Abdel-Magid, I. M., Hassan, A., H, and Alloba, M.A.A., The Influence of Local Filter Aids on Sewage Sludges Dewatering Practice, *The Bulletin of High Institute of Public Health*, Alexandria University, Egypt, Vol. 25(1), pp. 145-153, January 1995.
- 47) ElHassan, B. M., Hassan, A. H. Alloba, M. A. E. and Abdel-Magid, I. M., The Effect of Retention Time and Length to Width (L/W) Ratio on the Removal Efficiency of BOD₅, SS and TS in Septic Tanks, *Bulletin of High Institute of Public Health*, Alexandria University, Egypt, Vol. 25(4), pp. 941-946, October 1995
- 48) ElHassan, B. M., Alloba, M. A. E., Abdel-Magid, I. M., and Hassan, A. H., The Effect of Natural Soil Characteristics on the Disposal of Septic Tanks Effluent, *Bulletin of High Institute of Public Health*, Alexandria University, Egypt, Vol. 25(4), pp. 947-952, October 1995.
- 49) Faris, F. G. and Abdel-Magid, I. M., Wastewater reclamation and reuse in petroleum refinery at AlGeli area north of Khartoum, *Science and Technology J.*, Vol 4(1), January 2003, pp. 38-58, SUST, ISSN 1605-427X.
- 50) Babiker, A., ElTayeb, A., and Abdel-Magid, I. M., Vulnerability of groundwater to pollution risk from on-site wastewater disposal system with an emphasis on Khartoum area, *Industrial Research J.*, Vol 1(1), Dec. 2003, pp. 10 – 30.
- 51) Baddor, I. M. and Abdel-Magid, I. M., Impact of some climatological factors on natural wastewater treatment and pollution abatement, *Industrial Research Journal*, IRJ, Vol. 4 No. 1, April 2006, pp. 56-78.
- 52) ElZein, R. A., Abdel-Magid, I. M, and Baddour, I. M., Water pollution: a case study of AlGasir canal, *Sudan Academy of Science J.*, Vol. (1) No. (2), 2007, pp.83 – 95.
- 53) Samar Kamal Mohammed, S. K.; Khalda Mohammed Abbakr, Abdalla Mohammed Awad, and Abdel-Magid, I. M., Application of stormwater management model in wastewater engineering: Design of AlMuhandseen sewerage system using SWMA, *Sudan Academy for Sciences Journal*, April 2008.
- 54) Raga Abdelramann Ali, Abdel-Magid, I. M. and Elham Mouneer Baddour, Environmental impacts of wastewater from Assalaya sugar factory on the White Nile (Al- Jassir area), *Sudan Academy of Sciences Journal*, Vol. 2 No. 1, 2008, pp. 62 -71.
- 55) Faris, G. F., Ahmed, Y. and Abdel-Magid, I. M., Modification on the Design of Conventional Biological Treatment Unit to Increase the Efficiency of Degradation of Organic Compounds in Wastewater Effluent, A Case Study, *Journal of Engineering Science and Technology*, Vol. 6, No. 4 (2011), pp. 394 – 397, School of Engineering, Taylor's University.
- 56) Khalid Mohammed Breesem, Faris, F. G. and Abdel-Magid, I. M., Behavior of Self-Compacting Concrete Using Different Sludge and Waste Materials A General Overview, *International Journal of Chemical, Environmental and Biological Sciences (IJCEBS)*, 2014, pp.151-157.
- 57) Khalid Mohammed Breesem, Faris Gorashi Faris, Roslan Zainal Abidin, Naimah Yusof, Mohamed Roseli Zainal Abidin, Norlida Mohd Dom, Salim Hrez Jassam and Isam Mohamed Abdel-Magid, Influence of Calcination Temperatures on Microstructures of Alum Sludge and it's Pozzolan Properties, *Australian Journal of Basic and Applied Sciences*, 9(28) Special 2015, pp. 181-188, www.ajbasweb.com
- 58) Nuhu Dalhat Mu'azu, Muhammad Al-Yahya, Ahmed Abu-Yaghi, and Isam Mohammed Abdel-Magid, Specific energy consumption reduction during pulsed electrochemical oxidation of phenol using graphite electrodes, *Journal of Environmental Chemical Engineering*, JECE-D-16-00152R1, *Journal of Environmental Chemical Engineering* 4 (2016) 2477–2486. <http://dx.doi.org/10.1016/j.jece.2016.04.026>
- 59) Elham Munir Baddour & Nahed Farhoud, Mufeed Sharholly & Isam Mohammed Abdel-Magid, Biological Treatment of Poultry Slaughterhouses Wastewater by Using Aerobic Moving Bed Biofilm Reactor, *International Research Journal of Public and Environmental Health*. Article Number: IRJPEH-16-026 Baddour et al, *International Research Journal of Public and Environmental Health* Vol.3 (5), pp. 96-106, May 2016, Available online at <http://www.journalissues.org/IRJPEH/>, <http://dx.doi.org/10.15739/irjpeh.16.013>



- 60) Al-Shahwan, A. A., Balhaddad, A. M. S., Al-Soudani, H. H. O., Nuhu, D. M. and Abdel-Magid, I. M., Municipal Wastewater Treatment Plants Monitoring and Evaluation: Case Study Dammam Metropolitan Area, Advance Research Journal of Multidisciplinary Discoveries" a unit of International Journal Foundation on 31st May 2016, Manuscript Code: P1-EVS-C1-MAY2016, ISSN No: 2456-1045 (Online), Vol. 1, Issue I, pp. 01-09, Indexing Partner: Crossref, OCLC World CAT, DOAJ, Google Scholar, Scopus.
- 61) Fawaz Ali Mohammed Al Muaddi, Talal Fahad Hindi Al Otaebi, Badr Saleh Ahmed Al Zahrani, Khaled Saad Musleh Al Shehri, Iehab Abdelilah Badawi Mohamed, Mohammed Saood Manzar, and Isam Mohammed Abdel-Magid, (2016) Port Wastewater Quality: King Abdul-Aziz, Dammam Port Case Study, International Journal of Innovative Research in Science, Engineering and Technology, IJIRSET, Vol. 5, Issue 7, July 2016, ISSN (Online): 2319-8753, ISSN (Print): 2347-6710. (DOI:10.15680/IJIRSET.2016.0507004)
- 62) Elham Munir Baddour, Nahed Farhoud and Isam Mohammed Abdel-Magid, Biological treatment of phenol using microorganisms: Pseudomonas, Acinetobacter and Chlorella, IJSET - International Journal of Innovative Science, Engineering & Technology, Vol. 3 Issue 12, December 2016, pp. 64-73. ISSN (Online) 2348 – 7968, Impact Factor (2015) - 4.332
- 63) Mu'azu, N.D., Blaisi, N.I., Naji, A.A., Abdel-Magid, I.M. and AlQahtany, A., 2019. Food waste management current practices and sustainable future approaches Saudi Arabian perspectives. Journal of Material Cycles and Waste Management, 21(3), pp.678-690. , DOI: 10.1007/s10163-018-0808-4
- 64) Nahed Hassan Farhoud, Elham Munir Baddour, and Isam Mohammed Abdel-Magid (2022) Study, design and implementation of a pyrolysis device for the production of fuel and gas from plastic waste. International Journal of Scientific Research Updates, 2022, 04(02), 073–085. Article DOI: <https://doi.org/10.53430/ijrsu.2022.4.2.0153>

Educational research

- 65) Abdel Magid, I. M., Needs of Arabisation and university book writing, Seminar on Responsible of Arabization of Higher Education in the Arab Countries, organized by Arabization, translation, writing and press Arabic Centre, Damascus in collaboration with the Higher Arabisation Corporation, Khartoum, and UNESCO National Committee at Khartoum, held at AlSadaqa Hall during the period 10-12 November 1998, pp. 129 - 140.
- 66) Abdellah, I. O., and Abdel Magid, I. M., Children and technical development, Dirasat Tarbawia Journal, National Centre for Curriculum Development and Educational Research, No. 6 third year, June 2002, pp. 91 - 102 (Arabic).(DOI: 10.13140 / RG.2.1.3821.8726)
- 67) AlZubair Bashir Taha, and Abdel-Magid, I. M., Technical education and technology transfer, Military industry, 2003.
- 68) Rabah, A. M., Taha, E. B., Hassan, A. O., and Abdel-Magid, I. M., General features for technology transfer for the industrial sector, Strategic Studies, 2003. (DOI: 10.13140/RG.2.1.2095.4089)
- 69) Salman, M. S. A., Abdel-Magid, I. M., and AlZubair Bashir Taha, Sudan Academy for Sciences: Visions and aims, Dirasat Tarbawia, No. 10 Fifth year, June 2004, pp. 145-158.
- 70) Abdel-Magid, I. M., Brain drain in Sudan: pros and cons, Dirasat Tarbawia, Vol. 13, 7th year, Jan. 2006, pp. 114-129.
- 71) Abdel Magid, I. M., Proof-based scientific research, Sudanese Engineer J., Vol. 1 (1), March 2007. (in Arabic)
- 72) Hamad, I. O. A. and Abdel-Magid, I. M., Total orphan fostering: role of higher education institutions in serving orphans, Culture and development J., Culture for development society, Vol. 57, June 2012, pp. 1-15. <http://mcd1999.com> (DOI: 10.13140/RG.2.1.2824.4962)
- 73) Adli, M. G., and Abdel-Magi, I.M., Features on the theory of knowledge from the Islamic perspective, Journal of Islamic science and research (ISR), Vol. 15, No.1, pp. 16-34, Feb. 2014.
- 74) Ilham Elsayed and Abdelmagid, I.M., Suitability of Environmental Engineering Program for Female in Saudi Arabia: A Case Study on King Faisal University, Middle-East Journal of Scientific Research 24 (11), pp. 3604-3610, 2016, ISSN 1990-9233, IDOSI Publications, 2016, L.L.C, www.idosi.org, DOI: 10.5829/idosi.mejsr.2016.3604.3610
- 75) Mohammed Isam Mohammed Abdel-Magid and Isam Mohammed Abdel-Magid, Plotting Direct and Indirect Assessment Radar Charts for an Academic Course following ABET Accreditation System, International Robotics & Automation Journal, Volume 2 Issue 5: 00032 – 2017
- 76) Taghried Isam Mohammed Abdel-Magid, Shakil Ahmed Jamil Ahmed, Hisham I. M. Abdel-Magid, and Isam Mohammed Abdel-Magid, Strategic Civil Engineering Publishing for Knowledge Exchanges, Sudan Engineering Society Journal, Vol. 62, No. 2, 2016. Pp. 1-8.



- 77) Hisham I. M. Abdel-Magid, Isam Mohammed Abdel-Magid, and Nabil A. Jarrah, Sustainability Assessment of Environmental Engineering, Water and Environment Journal, Journal of Water & Environment (JWE), Vol.1, Issue 1, pp. 47-68 (June 2020)

Library and media

- 78) Shakil Ahmad Jamil Ahmad¹, Taghried Isam Mohammed Abdel-Magid and Isam Mohammed Abdel-Magid, Comparison between Impact Factors, Scimago Journal Rank Indicator, Eigenfactor Score and h5-index of Civil Engineering Journals, Sudan Engineering Society Journal, Vol. 62 No. 1, 2016. Pp. 31-43.
- 79) Shakil Ahmad Jamil Ahmad, Isam Mohammed Abdel-Magid & Akhtar Hussain (2017), Comparison among journal impact factor, SCImago journal rank indicator, eigenfactor score and h5-index of environmental engineering journals, COLLNET Journal of Scientometrics and Information Management, Vol. 11(1) June 2017, pp. 133-151, DOI: 10.1080/09737766.2016.1266807
- 80) Abu Waris, Amir Elginaid Awad Yousif, Shakil Ahmad Jamil Ahmad, Md. Sohail and Isam Mohammed Abdel-Magid, SCImago, Eigen factor Score and H5-Index Journal Rank indicator: A sensible alternative to Journal Impact Factor for Construction & Building Technology Journals, International Research: Journal of Library and Information Science, Issue No. 1, Vol. 7, March 2017, pp. 97-108.
- 81) Akil Ahmad, Shakil Ahmad, Abu Waris, and Isam Mohammed Abdel-Magid, Comparison of Selected Journal Quality Indicators of Analytical Chemistry Journals, SRELS Journal of Information Management, Vol. 54 (4), August 2017, p. 175-182, DOI: 10.17821/srels/2017/v54i4/113833
- 82) Shakil Ahmad Jamill Ahmad, Tasneem Isam Mohammed Abdel-Magid, Isam Mohammed Abdel-Magid, and Abu Waris Comparison among Selected Journal Quality Indicators of Mechanical Engineering Journals, Journal of Scientometric Research, JSCIRES, Vol 6, Issue 3, Sep-Dec 2017, DOI: 10.5530/jscires.6.3.22, Article URL: <http://www.jscires.org/article/204>, <http://educationaltechnology.net/ijet/http://www.journals.elsevier.com/journal-of-informetrics>
- 83) Abu Waris, Shakil Ahmad, Isam Mohammed Abdel-Magid, and Akhtar Hussain, Comparison Among Journal Quality Indicators of Sports Science Journals, Journal of Library and Information Science JLIS, Vol 41 No. 1-2, June-December 2016.
- 84) Abu Waris, Shakil Ahmad Jamill Ahmad, and Isam Mohammed Abdel-Magid, Comparison among Journal Impact Factor, Eigen factor Score, SCImago Journal Rank, and H5-Index indicator of Sports Science Journals, Delhi Library Association, Library Herald vol.55, issue.3 (<http://www.indianjournals.com/ijor.aspx?target=ijor:lh&volume=55&issue=3&article=017>).
- 85) Abu Waris, Shakil Ahmad Jamil Ahmad, Mohammed Isam Mohammed Abdel-Magid and Isam Mohammed Abdel-Magid, Comparison among Selected Journal Quality indicators of Public Health Journals, Trends in Information Management (TRIM), Volume 11, Issue 2, July-December 2017, ISSN: 0973-4163, pp 150-164
- 86) Shakil Ahmad, Md. Sohail & Isam Mohammed Abdel-Magid SCImago, Eigenfactor Score and H5 Index Journal Rank Indicator: Alternatives to the Journal Impact Factor for Water Resources Journals, published by WKW School of Communication & Information & NTU Libraries, Nanyang Technological University, volume 27, issue 2, pages 97-111 (2017)
- 87) Shakil Ahmad Jamil Ahmad, Abu Waris, Isam Mohammed Abdel-Magid & Mohammad Aqil, an assessment of the impact and visibility of Indian journals, COLLNET Journal of Scientometrics and Information Management, Volume 12, 2018 - Issue 1, Pages 133-147, Published online: 26 Jul 2018, <https://doi.org/10.1080/09737766.2018.1433063>
- 88) Shakil Ahmad, Abu Waris, Mohammad Aqil and Isam Mohammed Abdel-Magid, An assessment of the impact and visibility of Saudi Arabia Journals, Issue No. 1 (Mar. 2018), Volume No.8. An International Research Journal of Library and Information Science, UGC Approved e-Journal ISSN: 2249 – 0213.
- 89) Shakil Ahmad, Abu Waris, Isam Mohammed Abdel-Magid, and Md Sohail (2018) An assessment of the impact and visibility of United Arab Emirates Journals, Library Philosophy, and Practice (e-journal). Libraries at the University of Nebraska - Lincoln 1747. <https://digitalcommons.unl.edu/libphilprac/1747>.
- 90) Shakil Ahmad, Abu Waris, Isam Mohammed Abdel-Magid, and Md Sohail, (2018) Correlation between journal citation indices for Biochemistry and Molecular Biology Journals, Library Philosophy and Practice (LPP) cumulative yearly volume, MS #4947, (e-journal) Libraries at University of Nebraska-Lincoln, <http://digitalcommons.unl.edu/libphilprac/2018>
- 91) Shakil Ahmad, Abu Waris, Mohammad Aqil, Hayat Ahmad, Isam Mohammed Abdel-Magid (2019) A scientific influence and reflectivity of Saudi Arabia research journals, University of Nebraska – Lincoln



- DigitalCommons@University of Nebraska – Lincoln, Library Philosophy and Practice (e-journal) Libraries at University of Nebraska-Lincoln.
- 92) Shakil Ahmad Jamil Ahmad, Hisham I. M. Abdel-Magid, Isam Mohammed Abdel-Magid, Enayat Bano, and Abu Waris (2019) An Analogy in Scientometric Journal Factors of Importance of Remote Sensing Journals. *Journal of Scientometric Research*, Vol 8, Issue 2, May-Aug 2019:79-85. <http://www.jscires.org> Research Article. DOI: 10.5530/jscires.8.2.13
 - 93) Mirza Muhammad Naseer, ABU WARIS, Shakil Ahmad, Manuelraj Peter and Isam Mohammed Abdel-Magid (2019), A Bibliometric Study of Communications Published in *Journal of Informetrics* from 2012 to 2016, *Library Philosophy and Practice (e-journal)*, <https://digitalcommons.unl.edu/libphilprac/3532>
 - 94) Ahmad, S., Sohail, M.d., Abdel-Magid, I.M., Azad, M.S., Pattukuthu, A., and Abu Waris (2019). Evaluating journal quality: A review of journal citation indicators and ranking in a library and information science core journals, *COLLNET Journal of Scientometrics and Information Management* 13(2) December 2019, 345-363, DOI: 10.1080/09737766.2020.1718030
 - 95) Shakil Ahmad, Abdurahiman Pattukuth Said Ali, Sameh Nour MahFouz, Abu Waris, Isam Mohammed Abdel-Magid Ahmed (2020) A vacant approach of open access journals of India's: "a scientific effect", *Library Philosophy and Practice (e-journal)*, Libraries at University of Nebraska-Lincoln, <https://digitalcommons.unl.edu/libphilprac>
 - 96) Elham Mounir Bador, Isam Mohammad Abdel-Magid, Shakil Ahmad, Mohammad Akhtar (2020) Bibliometric Analysis of Wastewater Literature Published in Web of Science 2019 to 2020, University of Nebraska - Lincoln University of Nebraska - Lincoln DigitalCommons@University of Nebraska – Lincoln, *Library Philosophy and Practice (e-journal)*
 - 97) Isam Mohammed Abdel-Magid, Md Safiqur Rahaman, Md Safiqur Rahaman, Khadeeja Ansari, and Praveen Babel, Evaluation of Urban studies journals by using JIF, Eigenfactor score, SCImago Journal ranking, Cite Score, Source Normalized Impact per Paper (SNIP) and H5-Index indicator, *RBU Journal of Library & Information Science*, Vol 22, 2020.
 - 98) Elham Mounir Bador, Isam Mohammed Abdel-Magid, Shakil Ahmad, Mohd Akhter, (2020) Bibliometric Analysis of Wastewater Literature Published in Web of Science 2019 to 2020," in *Library Philosophy and Practice (e-journal)*. The University of Nebraska – Lincoln, pp. 1-21, <https://digitalcommons.unl.edu/libphilprac/4529>
 - 99) Md Safiqur Rahaman, Isam Mohammed Abdel Magid, Shakil Ahmad, Abu Waris, Mirza Muhammad Naseer, and Manuelraj Peter, Scientometric Profile of the Imam Abdulrahman Bin Faisal University: A leading University: A leading University of Eastern Province, Saudi Ar Vince, Saudi Arabia, (2021). *Library Philosophy and Practice (e-journal)*. 4857. <https://digitalcommons.unl.edu/libphilprac/4857/>
 - 100) Isam Mohammed Abdel-Magid, Md. Safiqur Rahaman, ABU WARIS, Dr. Mirza Muhammad Naseer, Shakil Ahmad, and Manuelraj Peter, (Winter 1-20-2021) Estimating the quality of Arabian Journals using bibliometric indicators" (MS #9270) has been posted to *Library Philosophy and Practice (e-journal)*, DigitalCommons@University of Nebraska – Lincoln, <https://digitalcommons.unl.edu/libphilprac/4995/>.
 - 101) Abdulaziz I. Almulhim, Mohammad Aqil, Shakil Ahmad & Isam Mohammed Abdel-Magid (05 September 2021) Sustainable water planning and management research in Saudi Arabia: a data-driven bibliometric analysis, *Arabian Journal of Geosciences* volume 14, Article number: 1950 (2021) <https://doi.org/10.1007/s12517-021-08353-z>
 - 102) Pasarul Islam, Elham Munir Bador, Isam Mohammed Abdel-Magid, Enayat Bano, and Shakil Ahmad, Mapping the scientific literature on covid-19 and climate change, 4th Conference on Civil Engineering CCE2022-Sudan,, held in Nyala, Sudan, during the period 13-15 December 2022, <http://cce2022.nyalau.edu.sd/>, Vol. 1 No. 6 (2023): U. of N. J. Appl. Sci. Special issue devoted to the 4th Conference on Civil Engineering CCE2022-Sudan | *Journal of Applied Science*, pp. 138-149

3.2] Published Papers and Articles:

- 1) Abdel-Magid, I. M., Arabian water and challenges of the twenty-first century. Chapter 4: Arabian water and regional conflicts in the Middle East and North Africa, Section 21: National strategy for water planning systems, pp. 579, Isuot University for Publishing and Distribution, Egypt. 1999.
- 2) Abdel-Magid, I. M., Water civilization on the Arab World, ALESCO, AlGabadah, Tunisia, 2002.
- 3) Musa, M. A., Abdel-Magid, I. M., The National Committee for Approving Technical Industries: Aims and visions, *AlTasnee Journal*, Documentation and Information Centre of the Military Industry Corporation, 2nd year No. 2, April 2004, pp. 16 - 19.



- 4) Abdel-Magid, I. M., Editorial Viewpoint for IRATJ, International Robotics & Automation Journal, Volume 2 Issue 2 – 2017, DOI: 10.15406/iratj.2017.02.00016

3.3] Papers Presented or Published at Conferences congresses, and/or Seminars:

Civil and Environmental Engineering

- 1) Abdel-Magid, I. M.; and El-Zawahry, A., Preconditions, and Requirements for Successful Environmental Policies in the Sultanate of Oman, Sudan, and Egypt, paper presented at the Conference on Preconditions and Requirements for Successful Environmental Policies in the Arab World, from 3 to 5 May 1993, held in Irbid, Jordan, organized by the Earth and Environmental Science Department, the Yarmouk University; the National Program for Environmental Awareness and Information; the Jordanian Society for the Control of Environmental Pollution, and Friedrich Naumann Stiftung. Published in the Environmental Research and Studies No. 4, Selected lectures on the national and global environment, Edited by Al-Aksha, T., 1993, pp. 117 -142.
- 2) Mohammed Ahmed Osman Ibnouf, and Abdel-Magid, I. M., Oman Water Resources: Management, Problems, and Policy Alternatives, A Paper presented at the Second Gulf Water Conference, "Water in the Gulf Region, Toward Integrated Management", Bahrain, held during the period 5 - 9th November 1994, sponsored by the Water Sciences and Technology Association, Manama, Bahrain, Proceedings Vol. 1 and 2, pp. 19 -31 (English) Vol. 2. pp. 21 -33 (Arabic), Published by the Water Sciences and Technology Association, Bahrain. (Refereed paper) (DOI: 10.13140/RG.2.1.4903.2162)
- 3) Abdel-Magid, I. M. and Ahmed, S. E., Integrated water resources management and global water partnership, the workshop on global and national partnership in water resources, Ministry of Irrigation and Water Resources, Conference Hall, Arab Organization for Agricultural Development, Khartoum 13 August 2002 (Arabic). (DOI:10.13140/RG.2.1.4444.4647)
- 4) Mohammed, A. A., Ibrahim, A. A, Abdel-Magid, I. M., and Alawad, O. M. A., Scientific research in the field of water management, Workshop on future of scientific research in the field of water, AlZubair Mohammed Salih international conference center, Khartoum, 9 Sept. 2002. (DOI: 10.13140/RG.2.1.1233.2006)
- 5) Baddour, I. M., and Abdel-Magid, I. M., Air pollution resulting from the combustion of fuel in transport and ways of abatement, Proceedings of the National Engineering Conference on Roads, Khartoum, 5-8 Nov. 2001, Sudan Engineering Society, July 2002, pp. 331-339 (Arabic) (DOI: 10.13140/RG.2.1.2401.2882)
- 6) Mohammed Isam Mohammed Abdel-Magid, Taghried Isam Mohammed Abdel-Magid & Isam Mohammed Abdel-Magid, (2017) Health, safety and personal hygiene in buildings, A paper presented at the first Engineers researchers conference and the second event for the Sudanese Researchers Foundation (SRF) Group, organized by Sudanese Researchers Foundation (SRF), a voluntary initiative of Sudanese researchers outside and within the country, held at AlNilain University, Khartoum, on 28th and 30th of December 2017 in Khartoum, Sudan, <http://conference.s-rf.org/>.
- 7) Mohammed Isam Mohammed Abdel-Magid and Isam Mohammed Abdel-Magid, Health Quality Index for Desert Cities and Populations in Kingdom of Saudi Arabia: A Concept Paper, Paper presented at the Scientific Conference of Sustainable Development in the Desert Regions, organized by Imam Abdulrahman Bin Faisal University with a strategic partnership with An-Nariyah district; during the period 22 to 24 January 2019 – 16-18 Jumadi Alola 1440H, Main conferences hall, university campus.
- 8) Al-Garni, A. M., Blaisi, N. I. and Abdel-Magid I.M., Healthy cities and the quality of life improvement, Environment and community workshop to define the primary needs in the environment, Eastern Region Council for Social Responsibility in cooperation with the Ministry of Environment, Water and Agriculture and Imam Abdul Rahman bin Faisal University, held on Tuesday 21/1/2020, 11:00-16:30, the venue of the workshop: Eastern Region Council for Social Responsibility (Preting a paper). DOI: 10.13140/RG.2.2.23409.84321
- 9) Mounir Aref Al-Atrash, Zakai Tarifi, Muti'a Abashi, Elham Badour, Isam Mohammed Abdel-Magid, The effect of high temperatures on reinforced concrete beams, CCE 2020: 3rd Conference on Civil Engineering - Structural Engineering, Faculty of Engineering Sciences, Omdurman Islamic University - Khartoum, 22-24 February 2020, <https://journal.oiu.edu.sd/index.php/fjes/issue/view/81>.
- 10) Al-Baqir Al-Tayeb Hasab Allah, Elham Badour, Isam Mohammed Abdel-Magid, Religious beliefs, concepts and behavior of using the safe way beyond traffic digitization, CCE 2020: 3rd Conference on Civil Engineering - Structural Engineering, Faculty of Engineering Sciences, Omdurman Islamic University Khartoum, 22-24 February 2020, <https://journal.oiu.edu.sd/index.php/fjes/issue/view/83>
- 11) Eltayeb H. Onsa Elsadig; Ghassan M. T. Abdalla; Muna Mustafa Eltahir; Gasim Hayder; Abderrahim A. I. Lakhout; Isam M. Abdel-Magid; Hisham I. Abdel-Magid; Anes Ben Messaoud; Ahmed H. A. Yasin; Omer A. Sayed; and Mohamed B. Elsayi (2021) Application of Fuzzy Analytical Hierarchy Process for Revising OIU



Main-Campus Masterplan to ensure Sustainable Environment, The first Science Engineering Technology and Sustainability International Conference (SETS2021), 23-25 December 2021, held online) presenter).

Water Engineering

- 12) Abdel-Magid, I. M. and Abdel-Rahim, A. M., Bacteriological analysis of roof water tanks, Proceedings of the First National Conf. on the Science and Technol. of Buildings with Special Reference to Buildings in Hot Climates, Organized by the Sudan Engineering Society, 8 - 14 Dec. 1984, Proceedings 1986, 253. (Refereed paper) (DOI: 10.13140/RG.2.1.1544.4964)
- 13) Abdel-Magid, I. M. and El-Hassan, B. M., Water of the Nile, Inter. Conf. on Water Resources needs and Planning in Drought Prone Areas, organized by Sudan Engineering Society, UNESCO, IAHR, and UNDP, held at Friendship Hall, Khartoum, 6 - 12 Dec. 1986, Proceedings 1987, 609. (Refereed paper) (DOI:10.13140/RG.2.1.3068.2080)
- 14) Abdel-Magid, I.M., and AlHassan, B. M., Guidelines and standards of drinking water, Paper presented at the workshop on Environmental laws in Sudan, Organized by the Sudan Environment Conservation Society and the German Friedrich Eibert Stiftung, Held in Khartoum, The Grand Hotel, between the period 20 - 22 March 1988. Published in the book "environmental issues and legislation in Sudan", edited by Zuhair Mahmoud Nouraldaim, Issa Mohammed Abdul Latif, and Osman Mirghani Mohammed Ali, Sept. 1989, pp. 37-41.
- 15) Abdel-Magid, I. M.; and El-Zawahry, A., Establishment of water quality guidelines for the Sultanate of Oman, First Conf. on Technology Transfer to Local Industries, organized by SQU, held at the Sultan Qaboos University (SQU), College of Engineering, 1 - 3 March 1992.
- 16) Abdel-Magid, H. I. M.; Abdel-Magid, I. M. and Aldirdeeri, A.; Islam attitude towards water pollution, The third conference on Arab Student Innovative Activity, Arabic Council for Training Arabic University Students in collaboration with Student Deanship of the University of Khartoum, AlSharga Conference Hall, Khartoum, 23 - 25 Oct. 2000. (DOI: 10.13140 / RG.2.1.1888.5601)
- 17) Abdel-Magid, I. M., Environmental engineering technology, paper presented at the technical and vocational seminar, held during the period 27-28 April 2002, organized by the Ministry of Education, Al-Gadarif (DOI:10.13140/RG.2.1.4837.6801)
- 18) Ilham Munir Baddor; Abdel-Magid; I. M., Adel Awad Refky, one of the ways to achieve Arab water and food security: A field Study: Wastewater Treatment, a scientific paper presented at the Sixth Gulf Water Conference, held in Riyadh - Saudi Arabia during the period 8 to 12 March 2003. (DOI: 10.13140/RG.2.1.4346.1603)
- 19) Igbal Mohammed Abdel-Rahim; Osman Mohammed AlNagar; Muna Mohammed Tom; Zubaida Mohammed Alseid; Aheed Ali Mohammed; Abdel-Magid, I. M., The problem of water and aqueous peace with emphasis on the Nile Basin, paper presented to mark World Water Day, 27 March 2003 by the Commission for Hydrology at the National Commission for UNESCO in collaboration with UNICEF. (DOI: 10.13140/RG.2.1.5001.5204)
- 20) Nagger, O. M., Mohammed, A. A., A/Raheem, E. M., Tom, M. M., Alseid, Z. M., and Abdel-Magid, I. M., Optimum investment of rainwater harvesting techniques, published in the proceedings of the conference on water harvesting and the future of development in Sudan, Friendship Hall, Khartoum, 19-20 August 2003, pp. 433-444, Organized by UNESCO Chair in Water Resources. (DOI: 10.13140/RG.2.1.2904.3685)
- 21) Abdel-Magid. I. M., Groundwater pollution, World water day ceremony, 2004 (DOI: 10.13140 / RG.2.1.4880.6885)
- 22) Mohammed, L., I., Abdel-Magid. I. M., Gamar ElDin, A., Balila, I. A. A., and Abdalla, T. B. A., Vision to Action in Water and the Media: the Way Forward in Sudan, water, life and the media workshop, GWR Western Africa, Entebbe, Uganda, 2-4 Nov. 2005. (DOI: 10.13140/RG.2.1.1210.6728)
- 23) Abdel-Magid, I. M., Evidence-based research, a workshop on management of irrigation and drainage, Institute of Continued Research, Sokoine University of Agriculture, Morogoro, Tanzania, 6 to 8 Dec. 2005.
- 24) Abdel-Magid, I. M., Water management ethics, and peace. A paper presented at the workshop on Strategic Plan for Gender Advisory Board (UNCSTD) in Sudan, Sat. – Sun. 4-5 June 2005, UNESCO Chair for Women for Science and Technology, Kuwaiti Building, 4th Tower, Nile Street, Khartoum. (DOI:10.13140/RG.2.1.5011.7607)
- 25) Tariq Al-Jamri and Abdel-Magid, I. M., Integrated Water Resources Management, A paper presented at the seminar of water in Sudan organized by the future studies center and Ministry Irrigation and Water Resources, June 2006, Khartoum (In Arabic). (DOI: 10.13140/RG.2.1.3701.0402)
- 26) ElSayed, E. S. M. and Abdel-Magid, I. M., Water Management in Arid Regions: Could Women Have an Effective Role? World Water Day 2012, Organized by Dept. of Environmental Eng., College of Eng., Dammam University, Building 10, Conference Hall, 20 March 2012.



- 27) Mahmoud, S. S., Abdel-Magid, I. M., and Saad, S. A. M., Interactive Rheological Modeling of Turbid Water, The 16th International Water Technology Conference (IWTC-XVI), held during the period 7 - 10 May 2012, organized by International Water Technology Association, Egypt (IWTa), and Fatih University, Istanbul, Turkey (FU). China SEM focus, <http://cstm.cnki.net/stmt/TitleBrowse/Detail?baseid=IWTA201205001>
- 28) Al-Zahrani, F. S. A., Albaqshi, H. A. A., Alhelal, G. A. M., Badawi, I. A., and Abdel-Magid, I. M., Bottled water quality in KSA, the first International Conference in Civil Engineering "towards reconstruction and sustainable development", paper number E-14, Tishreen University, Lattakia, Syria, 4-6 August 2014. icce1@tishreen.edu.sy; ghatfan62@gmail.com

Wastewater Engineering

- 29) Abdel-Magid, I. M., Poultry wastewater treatment in Sudan, Proceedings of the Inter. Symposium on Environmental Management for Developing Countries, Organized by ENVITEK, A.S., held at Istanbul, Turkey, Vol. 2, 25 -31 July 1984. (Refereed paper) (DOI: 10.13140/RG.2.1.3641.6485)
- 30) Abdel-Magid, I. M. and El-Hassan, B. M., Industrial contamination of water resources in Sudan, Seminar on drinking water quality standards, WHO, held at Grand Hotel, Khartoum, 8 - 13 March 1986. (DOI:10.13140/RG.2.1.1020.2084)
- 31) Abdel-Magid, I. M. and El-Hassan, B. M., The recycling of agro-industrial waste: The case of wastewater from sugar factories in Sudan, Inter. Conf. on Water Resources needs and Planning in Drought Prone Areas, Organized by Sudan Engng. Soci., UNESCO, IAHR and UNDP, held at Friendship Hall, Khartoum, 6 - 12 Dec. 1986, Proceedings 1987, 1197. (Refereed paper)
- 32) Abdel-Magid, I. M., Hamid, H. I. and Chalabi, M. F., Pollution of the marine environment: causes, hazards, appropriate guidelines and rules for its protection, Conf. on Protection of Marine Environ., Organized by Faculty of Sharia and Law, University of U.A.E., held at Intercontinental Hotel, Al-Ain, 23 - 24 May 1989. (Arabic). (DOI: 10.13140 / RG.2.1.4641.0723)
- 33) El-Zawahry, A., Abdel-Magid, I. M., and Salama, M., The Future of Treated Wastewater Agricultural Reclamation and Reuse in the Sultanate of Oman. Paper presented at the Workshop on the use of saline, brackish, and treated sewage effluent water in irrigated agriculture. Sponsored by the Ministry of Agriculture and Fisheries and ACSAD of the Arab Countries at Damascus. Held at the Holiday Inn, 17 to 19 December 1995, Muscat, Sultanate of Oman. (Refereed paper). The second volume of the proceedings, pp. 445-465. (DOI:10.13140/RG.2.1.4378.9286)
- 34) Abdel-Magid, I. M. Baddour, I. M., Reuse of municipal water for agricultural purposes: Availability of clean water source as an aid to water resources, 7th Iraqi Technical conference on Arab water resources in the 21st century: problems and solutions, Technical University, Baghdad, 8-10 May 2001 (Arabic) (DOI: 10.13140/RG.2.1.3580.9363)
- 35) Baddour, I. M., and Abdel-Magid, I. M., Mal-management in use of water resources environmental impacts and abatement for existing environs in the Arab World and priorities in solving environmental problems, Damar University, Yemen, 8-10 October 2001 (Arabic) (DOI: 10.13140/RG.2.1.3461.4243)
- 36) Ilham Munir Baddor and Abdel-Magid, I. M., Increase available water resources: a case study: wastewater treatment and reuse in irrigation, a scientific paper introduced to the seminar on "The role of universities in the face of a shortage of water resources in the Arab World", held at the University of Qar Younis – Benghazi, Lybia during the period 9-11 Oct. 2001. (DOI: 10.13140/RG.2.1.1483.7842)
- 37) Ilham Munir Baddor; Abdel-Magid, I. M.; Adel Awad Refky, Economic and environmental effects of reuse of treated gray water in crop production, a scientific paper presented at the Conference of water harvesting to achieve food security and sustainable development, held during the period 19-20 August 2003, UNESCO Chair for Water Resources, Khartoum Sudan (DOI: 10.13140 / RG.2.1.4716.8489)
- 38) ElZain, R. A. A., Abdel-Magid, I. M. and Baddour, I. M., Water pollution: A case study of AlGasir canal, paper to be presented at the 1st Arabic meeting on environment, organized by the United Arab company for training and management consultancy, Cairo, Egypt, during the period 5 to 7 Dec. 2006.
- 39) Baddour, I. M., Abdel-Magid, I. M. and Awad, A., Khartoum experience in using treated wastewater in irrigation, National conference on environment and development, organized by the Sudan Engineering Society and Sudanese Environmental Protection Society, 18 to 20 Dec. 2006, Friendship Hall, Khartoum.
- 40) Ilham Munir Baddor, Adil Awad and Abdel-Magid, I. M., A field study towards technologies for reuse of treated gray water use in agriculture, a scientific paper introduced to the workshop on "Water Resources Investment and Development", held at Tashreen University, during the period 17-19 October 2009. (DOI:10.13140/RG.2.1.4397.3605)



- 41) Rustum, R., Abdel- Magid, I. M., and Alenoye, A. J., The need and requirements for integrated sustainable drainage systems in Arab countries, Water Sustainability in the GCC Countries: The Need for a Socio-Economic and Environmental Definition, presented at the WSTA 9th Gulf Water Conference, 22-25 March 2010 Muscat, Sultanate of Oman.
- 42) Baddor, I. M. and Abdel-Magid, I. M., A contribution to provide a car wash with a water source: Case Study for car wash wastewater treatment using natural materials, A paper presented at the International Conference of Engineering, Information Technology, and Science, 2014 IICON International Conference on Engineering, Information Technology and Science, ICEITS 2014, ICEITS-56, Day 1: Wed. 3rd Dec., track 1: room Cayman 1, evening parallel session, held at Infrastructure University Kuala Lumpur, Unipark Suria, Jalan Ikram-Uniten, 43000 Kajang, Selangor Darul Ehsan, Malaysia. E-mail: iicon2014@iukl.edu.my, http://iicon2014.iukl.edu.my/iceits_papers.php#sthash.IZkwitMj.dpuf, Proceedings of the International Infrastructure Conference 2014, pp. 49-57. (DOI: 10.13140/RG.2.1.1710.3843)
- 43) Baddor, I. M. and Abdel-Magid, I. M., Contribution towards the improvement of getting rid of heavy metals and toxic substances in wastewater operations: the case of Soba / Khartoum treatment plant, A paper presented at the International Conference of Engineering, Information Technology, and Science, 2014 IICON International Conference on Engineering, Information Technology, and Science, ICEITS 2014_ICBE-14, Day1: Wed. 3rd Dec., Track1: room Cayman 1, morning parallel session 1, held at Infrastructure University Kuala Lumpur, Unipark Suria, Jalan Ikram-Uniten, 43000 Kajang, Selangor Darul Ehsan, Malaysia. E-mail: iicon2014@iukl.edu.my, http://iicon2014.iukl.edu.my/iceits_papers.php#sthash.IZkwitMj.dpuf (awarded best paper award) (DOI: 10.13140/RG.2.1.1186.0966) (Pertanika Journal of Social Sciences & Humanities (JSSH) Vol. 23 (S) Jul. 2015, pp. 59 - 74)
- 44) Abdel-Magid (Jr.), M. I. M. and Abdel-Magid, I. M., Large Scale Management of Public Health Issues in Water Reuse, A paper presented at the International Conference of Engineering, Information Technology, and Science, 2014 IICON International Conference Built Environment, ICBE 2014_ICBE-14, Wed. Day1: 3rd Dec., Track 1: room Cancun, afternoon parallel session, held at Infrastructure University Kuala Lumpur, Unipark Suria, Jalan Ikram-Uniten, 43000 Kajang, Selangor Darul Ehsan, Malaysia. E-mail: iicon2014@iukl.edu.my, http://iicon2014.iukl.edu.my/iceits_papers.php#sthash.IZkwitMj.dpuf, Proceedings of the International Infrastructure Conference 2014, pp. 218-229. (DOI:10.13140/RG.2.1.2496.8161)
- 45) Falih Hassan Ahmed, Ilham Muniar Baddor and Isam Mohammed Abdel-Magid, Reuse and role of treated effluent in rationalizing consumption of freshwater resources in agricultural irrigation, Paper to be presented at the conference on “Integrated water resources management and environmental protection” on the 5th theme “Water use and gray water reuse as a large resource in agricultural activities”, to be held during the period 17th to 19th July 2016, Syria.
- 46) Elham Munir Baddour and Isam Mohammed Abdel-Magid, Contribution to study strategy of achieving water security in the Arab World, paper to be presented at Electrical power and water desalination in the Arab World conference, organized by Qatar Society of Engineers in collaboration with the Ministry of Energy and Industry and the Federation of Arab Engineers, held on 22-23 February 2016, Saint Regis Hotel, Doha, Qatar, <http://arab-epwdc.com>
- 47) Elham Munir Baddour, Nada Al-Tangi, Abdul-Hakeem Al-Ahmed, and Isam Mohammed Abdel-Magid, Research on soil contamination from irrigation by wastewater polluted with some heavy elements and its sorption, Paper submitted to the Geotechnical Engineering Conference, to be held in Iraq, organized by Arab Union of Engineers in cooperation with Iraqi Engineers association, during the period 18-19 March 2016.
- 48) Isam Mohammed Abdel-Magid, An overview of strategies to address urban wastewater challenges through public health engineering, Sudan environmental forum 8, organized by UN Environment's office in Khartoum, held on Monday 20 November 2017, at the University of Khartoum's Sharjah Hall from 11 am to 14:00, Sudan, sudan.env.forum@gmail.com or mayada.umbadda@un.org. DOI: 10.13140/RG.2.2.16834.27843
- 49) Isam Mohammed Abdel-Magid, Research Trend, Capacity Building, Networking, Community of Practice and Local Perspective in IWRM, the conference on integrated and sustainable management of non-Nile water in Khartoum, Sudan; Organized by UNESCO Chair for Water Resources, Conference Venue: Corinthia Hotel; Date: 21st-23rd November 2017
- 50) Baddour, E.M., Al-Tanji, N.M. and Abdel-Magid, I.M., Unconventional technologies for saving energy and reducing pollution: Case Study for Effect of green surfaces in improving the city environment, proceedings of 2nd Conference on Civil Engineering: The role of civil engineering in attaining sustainable development goals 2030 in Sudan – Dec. 2018, 3-5 Dec. 2018, University of Khartoum, pp. 409-415 (presenter)



- 51) Baddour, E.M., Farhoud, N. and Abdel-Magid, I.M., Study of efficiency of biological treatment using an extended aerobic bed, Case study of wastewater from poultry altar, proceedings of 2nd Conference on Civil Engineering: The role of civil engineering in attaining sustainable development goals 2030 in Sudan – Dec. 2018, 3-5 Dec. 2018, University of Khartoum, pp. 430-434 (presenter)
- 52) Othman Subhi AlShamrani and Abdel-Magid Ahmed, I.M., Safety of land and marine boundary environment from pollution by promoting human development and capacity building, Scientific Paper presented at the First International Symposium on Crisis and Disaster Management, organized by Crisis and Disaster Management Center, Eastern Province Imara, Kingdom of Saudi Arabia, on 7/11/1440 H - March 18, 2019, at the Grand Conference Hall of Imam Abdulrahman bin Faisal University (presenter).

Solid Waste Engineering

- 53) Abdel-Magid, I. M. Baddour, I. M., Appropriate final disposal of refuse: refuse analysis as a new source of energy, 5th scientific conference: Housing and development in Sudan: problems and solutions, National Council for Research, Friendship Hall, 17 to 19 April 2001 (Arabic)
- 54) Abdel-Magid, I. M., and Munair, I. B., Appropriate disposal of solid waste: analysis of solid waste as a new energy source, presented at the 5th Scientific Conf. on Housing and development in the Susan: problems and solutions, April 2001.
- 55) Abdel-Magid, I. M. and Hariri, A. S., Food waste: Reduce, reuse, recycle, re-think, Paper to be presented at the scientific gathering on the World Environment Day, Organized by Royal Commission for Jubail & Yanbu, Jubail Industrial City on 5th May 2013. (DOI: 10.13140/RG.2.1.1448.2404)
- 56) Khalid Mohammed Breesem, Faris Gorashi Faris, Abdel-Magid, I. M., Reuse of Alumn Sludge in Construction / Materials and Concrete Works: A General Overview, A paper presented at the International Conference of Engineering, Information Technology, and Science, ICEITS 2014, 2014_ICBE-14, Day1: Wed. 3rd Dec., Track 2: room Cayman 2, morning parallel session 1 held at Infrastructure University Kuala Lumpur, Unipark Suria, Jalan Ikram-Uniten, 43000 Kajang, Selangor Darul Ehsan, Malaysia. E-mail: iicon2014@iukl.edu.my, http://iicon2014.iukl.edu.my/iceits_papers.php#sthash.IZkwitMj.dpuf,
- 57) Hariri, A. S., Abdel-Magid, I. M. and Faris, F. Q, Food waste: Reduce, reuse, a paper presented at the International Conference of Engineering, Information Technology, and Science, 2014 International Conference Built Environment, ICBE 2014_ICBE-9, Day 1: Wed. 3rd Dec., Track 1: room Cancun, afternoon parallel session, held at Infrastructure University Kuala Lumpur, Unipark Suria, Jalan Ikram-Uniten, 43000 Kajang, Selangor Darul Ehsan, Malaysia. Email: iicon2014@iukl.edu.my, http://iicon2014.iukl.edu.my/iceits_papers.php#sthash.IZkwitMj.dpuf.
- 58) Nahed Hassan Farhoud, Elham Munir Baddour, and Isam Mohammed Abdel-Magid (2022) Study, design and implementation of a pyrolysis device for the production of fuel and gas from plastic waste. International Journal of Scientific Research Updates, 2022, 04(02), 073–085. Article DOI: <https://doi.org/10.53430/ijrsu.2022.4.2.0153>

Educational Research

- 59) Abdel-Magid, I. M., and AlSadig, A. H., University Book Industry, Seminar on Writing and Publishing, AlShafeed Hall, Al Magran Family Pork, 19 Nov. 1997, Sudan University Press, Publishes and Distributing House, Khartoum, Jan. 1998, SBN 524/97, PP. 73 - 85 (In Arabic)
- 60) Abdel Magid I. M. and Al Sadig A. H. S., A model for university book Taseel and Islamisation, Proceedings of the seminar on university book Taseel and Islamization Organized by Ministry of Higher Education and Scientific research, Juba University, AlMoutamar AlWatani, Sudan University for Science and Technology, held in 28th Feb. 1998 at College of Technology and Human Development, SUST, Sudan University Press, Publishing and Distributing House, Khartoum, March 1998, SBN 57/98, P. 149 - 168 (In Arabic)
- 61) Musa, T.A., Abdel-Magid, I.M., Abu Guokh, A.A., and Abdel Allah, M.O., Twinning and joint agreements between universities, Processing of the Seminar in Qualifying and Training in universities, organized by Ministry of Higher Education and Scientific Research, Green Hall and Notional Assembly, Omdurman, 17 Sept. 1998., published by Ministry of Higher Education and Scientific Research, October 1998, SBN 180/1998, pp. 153-174 (In Arabic)
- 62) Abdel Magid, I. M. and Mohammed, A. A., Sudan University for Science and Technology experience in the field of data collection and availability and statistic and information, Workshop on development of statistical and information methods, Ministry of Higher Education and Scientific Research, AlShaeed AlZubair Mohammed Salih International Conference Hall, 31 May 1999. (In Arabic)
- 63) Abdel Magid, I. M., Needs of Arabisation and university book writing, Seminar on Responsible of Arabization



- of Higher Education in the Arab Countries, organized by Arabization, translation, writing and press Arabic Centre, Damascus in collaboration with the Higher Arabisation Corporation, Khartoum, and UNESCO National Committee at Khartoum, held at AlSadaqa Hall during the period 10-12 November 1998.
- 64) ElSadig H. E. and Abdel-Magid, I.M., Education trends, norms and development, Conf. on technological education and national development (TEND 2000), organized by the Higher Colleges of Technology, Abu Dhabi, 8 to 10 April 2000. (DOI: 10.13140/RG.2.1.3330.3528)
 - 65) Abdel-Magid, I. M., and Hussien, M. A., Scientific Research and Technological Development: Present and Future, Seminar on Scientific research in the Arab World and the third millennium: Science and technology, AlShargah, United Arab Emirates, 24 to 26th April 2000. Journal of Engineering Education, Association for Engineering Education in Southeast Asia and the Pacific, Vol. 30 No. 1 and 2, Dec. 2000, pp. 25-34, ISSN 0125.8737 (DOI:10.13140/RG.2.1.1233.2006)
 - 66) Abdel-Magid, I. M. and Hussain, M. A., Scientific research and technical development: present and future, Seminar on Scientific Research in the Arab world and the millennium inspirations: science and technology, Al Shargah, United Arab Emirates, 24 – 26 April 2000 (Arabic)
 - 67) Mohammed, A.A., Salman, A.A., Tom, M.M., Alsaid, Z.M., Abdulraheem, I.M., Abdel-Magid, I. M. and Ibrahim, A. Role of higher education institutions in raising water awareness, Water day, 2002 (DOI:10.13140/RG.2.1.2871.6003)
 - 68) Abdel-Magid, I. M., Engineering education in Sudan, A paper presented on behalf of the Engineering Council at the workshop of work of the Sudanese Engineering Council, Tuesday 16 Sept. 2003, AlSharigah conference hall, Khartoum.
 - 69) Abdel-Magid, I. M., Brain drain, 5th general conf. of Sudanese Working Abroad, Friendship Hall, Khartoum, 21 to 22 Aug. 2004. (DOI: 10.13140 / RG.2.1.3143.9845)
 - 70) Abdel-Magid, I. M., Idris, A. I, Babikr, A. A. and Abdel-Magid, H.I. M., Accreditation and evaluation to grantee higher education quality, the conference on higher education accreditation and quality, Intercontinental, Cairo, during the period 24-26 Nov. 2004 (DOI: 10.13140 / RG.2.1.1462.5766)
 - 71) Abdel-Magid, I. M., Role of basic sciences in the development of scientific research, 2nd conf. on scientific research and deepening of faith, International Centre for Faith Research, ElShaheed ElZubair Mohammed Salih International Conference Hall, Sept. 2005. (DOI: 10.13140/RG.2.1.4159.7920)
 - 72) Abdel-Magid, I. M. Baddour, I. M., Electronic Administration: Vision for action, A paper presented at the conference on electronic management: benefits and disadvantages, organized by the National Office for Research and Development, Libya in collaboration with the Union of Arabs Scientific Research Councils, Libya, 8-9 Nov. 2006. (DOI: 10.13140 / RG.2.1.1931.5684)
 - 73) Baddor, I. M., Abdel-Magid, I. M. and Abdel-Ghani, M. A., Role of new technologies in academic awareness and funding for higher education candidates. A paper presented at the 23rd annual international conference on Development strategies for higher education institutions in the Arab World along with contemporary challenges. Organized by Al-Mansora University in collaboration with Arab Academy for science, technology, and maritime transport. Held at Alexandria, Egypt during the period 28 to 30 July 2007. (DOI:10.13140/RG.2.1.4290.8644)
 - 74) Al-Mansouri, F. I., and Abdel-Magid, I. M., Role of Scientific clubs, organizations and museums in transferring scientific culture, Conference on the role of science clubs, organizations and museums in transferring scientific culture in the Arab World, organized by the Arab Union of Scientific Research Councils in collaboration with the Egyptian Academy for Scientific Research and Technology, Sept. 2007. (DOI:10.13140/RG.2.1.3111.2162)
 - 75) Abdel-Mahmoud, F. and Abdel-Magid, I. M., Tools for coordination and collaboration between universities, scientific research centers, and related institutions, workshop on results of research and its impact on development, Experience of Technology Research Institute, held at the Sudanese Banks Union Conference Hall, 9-10 April 2007. (DOI: 10.13140 / RG.2.1.2718.0009)
 - 76) Hamad, I. O. A., and Abdel-Magid, I. M., Presentation of outstanding experiences of Pan Arabic and Islamic orphan fostering organizations: The model of AlNeelain Women Development Centers in collaboration with Charity Works Organization, a paper presented at 2nd conference on orphans, 1 – 3 April 2008, organized by The Royal Bahrain Charity Organization, Kingdom of Bahrain.
 - 77) Hamad, I. O. A, and Abdel-Magid, I. M., Experiences and practices of small national and Arab projects to combat poverty: an experimental model of woman and Community Development centers of the University of Nelain, Conference of small projects an effective tool to address poverty, 29-31 July 2007, organized by the Department of Economics, Faculty of Economics and Administrative Sciences in collaboration with Queen Rania Center for Jordanian Studies and Community Ser, Jordan; 07/2007 (DOI: 10.13140/RG.2.1.3373.3602)



- 78) Yasser E. Ibrahim, Ahmed F. Salman, Mohamed A. Brawany, and Abdel-Magid, I. M., Motivation and Persistence in Engineering Education: A Case study at King Faisal University, Dammam Campus, KSA, submitted to Engineering and Technological Education and Globalization Challenges, Al-Madina, May 2009. (DOI: 10.13140/RG.2.1.1775.9206)
- 79) Ahmed F. Salman, Yasser E. Ibrahim, Mohamed A. Brawany and Abdel-Magid, I. M., Engineering and Technical Education: Existing and future vision, presented at the Engineering and Technological Education and Globalization Challenges, Al-Madina, May 2009. (DOI: 10.13140/RG.2.1.4891.6568)
- 80) AlZain, R. A. and Abdel- Magid, I. M., Sudanese woman achievements in science and technology, a paper submitted to the first international conference on Women scientists in the Islamic World, organized by Ministry of Science and Scientific Research and Technology, Iran in coordination with ISESCO, Tehran, 27-28 Jan. 2010.
- 81) Rabee Rustum, Omer Aga, Abdel- Magid, I.M., Rabia Bero, and Abdulrahman bin Salih Hariri, The development of environmental engineering curriculum: A case study from University of Dammam, International Conference On Strategies Of Scientific Research In The Universities Of The Muslim World: Reality and Prospects, 6 - 8 July 2010, Organized By International Institute For Muslim Unity, International Islamic University Malaysia, Malaysia, Email: Sr.English2010@Gmail.Com, Sr.Arabic2010@Gmail.Com. (DOI: 10.13140/RG.2.1.2300.2082)
- 82) Abdel-Magid, I. M., Course portfolio, organized by College of Engineering Accreditation & Quality Assurance Unit, conference hall, Bld. 800, held on Saturday, 26 May 2013 - 15/7/1434, and on Monday 27 May 2013, distance learning room, Bld. 800, College of Engineering of Dammam University, KSA.
- 83) Amir Elginaid Awad Yousof and Abdel-Magid, I. M., Implications, reflections and the future of Arabization of engineering education in Sudan, A scientific paper presented at a public lecture for the Sudanese community with the Embassy of the Republic of Sudan, organized by the Sudanese Association of Engineers and technicians at Qatar, Thursday, February 20th, 2014 AD - 20 April 1435 AH, Rayyan Hall at Gloria Hotel, Doha, Qatar. (DOI: 10.13140 / RG.2.1.4069.6804)
- 84) Abdel-Magid, I. M., Alsihami, I., Akbar, A and Alhameem, H., About procedure for publishing a scientific book, PowerPoint presented at the symposium entitled "Promoting Scientific Publications", organized by Center of Scientific Publications, University of Dammam, Wednesday 1/7/1435 H 30/04/2014 from 8:30 a.m.- 11:50 a.m., Lecture Hall in Prince Mohammed bin Fahd Reward Building.
- 85) Abdel-Magid (Jr.), M. I. M., Faris, G. F. and Abdel-Magid, I. M., Issues and Challenges Pertaining Empowerment of Individuals with Special Needs in Higher Education Institutions, A paper presented at the International Conference of Engineering, Information Technology, and Science, 2014 International Conference on Language, Communication, and Education, IICON2014_LANCOMME-2, Day2: Thur. 4th Dec., Track 1: room Cayman 3, morning parallel session, held at Infrastructure University Kuala Lumpur, Unipark Suria, Jalan Ikram-Uniten, 43000 Kajang, Selangor Darul Ehsan, Malaysia. E-mail: iicon2014@iukl.edu.my, http://iicon2014.iukl.edu.my/iceits_papers.php#sthash.IZkwitMj.dpuf, Proceedings of the International Infrastructure Conference 2014, pp. 399-407.
- 86) Nabeel AbdulKarim Jarrah and Abdel-Magid, I. M., Incorporating sustainability in engineering curriculum: the case study of the environmental engineering program at College of Engineering Dammam University, paper presented at the World water day 2015: water and sustainable development symposium, organized by the Environmental Engineering Department of the College of Engineering University of Dammam, held at Le Meridian hotel, AlKhobar, KSA on Monday 16th March 2015-25 Jumada I, 1436 H.
- 87) Abdel-Magid, T. I. M. and Abdel-Magid, I. M., Deployment of graduate research and the challenges of plagiarism (in Arabic), Scientific paper presented at the 7th Annual Conference of Graduate Studies, organized by the Faculty of Graduate Studies at the University of Neelain, during the period from 22 to 23 September 2015, under the theme "scientific publication and challenges of plagiarism". (Doi 10.13140/RG.2.1.3515.4009)
- 88) Nabeel AbdulKarim Jarrah and Abdel-Magid, I. M., water and jobs, paper presented at the World water day 2016: water and jobs symposium, organized by the Environmental Engineering Department of the College of Engineering University of Dammam, held at the conference hall of building 11, UoD, AlRakha, AlKhobar, KSA on Monday 28th March 2016 - 19 Jumada II, 1437H.
- 89) Nuhu Dalhat Mu'azu, Isam Mohammed Abdel-Magid, Nabeel Al-Jarrah, and Nawaf Blaise, Reusing of Treated Mosque Ablution Grey Water: A Sustainable Water Management Strategy Integrated into Mosques Design, poster paper presented at the First International Conference on Mosque Architecture 5-7 December 2016, organized by Abdulaziz AlFozan Award AlFozan Holding Group and College of Architecture and Planning of the University of Dammam, pp. 191-202.



- 90) Shakil Ahmad Jamil Ahmad, Taghried Isam Mohammed Abdel-Magid and Isam Mohammed Abdel-Magid, Comparison among Impact factors, SCImago journal rank indicator, Eigenfactor Score and H5 of Civil Engineering journals, The First Conference on Civil Engineering, to be held during the period 13-15 December 2016, hosted by Abdulatif Alhamad University of Technology (AAUT), Merowe, Northern State, Sudan, <http://merowe.edu.sd/en/conference-on-civil-engineering-sudan/>, E-mail: cce2016info@merowe.edu.sd
- 91) ElTayeb Onsa, Seifeldin Hamad, Tasneem Isam Mohammed Abdel-Magid and Isam Mohammed Abdel-Magid, (2017) Working paper: Proposal for launching a university for water sciences and culture, UNESCO Chair for Water Resources & Ministry of Higher Education, Khartoum, Sudan.

3.4] Published Books:

3.4.1] English Textbooks and Handbooks (Reviewed Books)

Environmental Engineering

- 1) Abdel-Magid, I. M., Mohammed, A. H., and Rowe, D. R., "Modeling methods for environmental engineers" CRC Press/Lewis Publishers Inc, 2000 Corporate Blvd. N. W., Boca Raton, FL, USA, 1997, (A reviewed book). (ISBN 1-56670-172-4). www.amazon.com/Modeling-Environmental-Engineers-Mohammed-Abdel-Magid/dp/1566701724
- 2) Rowe, D. R., and Abdel-Magid, I. M., "Wastewater Reclamation and Reuse", A Chapter in the Encyclopedia of Environmental Analysis and Remediation, The Wiley Encyclopedia of Environmental Pollution and Cleanup, published by John Wiley and Sons Inc., New York, Editor-in-Chief: Robert A. Meyers, Editor: Diane Kender Dittrick, ISBN: 0-471-31612-1, March 1999, http://www.wiley.com/legacy/products/subject/reference/meyers_contributors.html. (DOI:10.13140/RG.2.1.2281.7764)
- 3) Abdel-Magid, I. M., Problem-solving in environmental engineering, printed by Dammam University Press, AlKhobar, KSA, March 2013.
- 4) Abdel-Magid, I. M. and Abdel-Magid, M. I. M., Problem-solving in environmental engineering, CreateSpace Independent Publishing Platform, second version, improved, updated, and revised, Dammam, KSA, 2015. (ISBN-13: 978-1517007904; ISBN-10: 1517007909)
- 5) Abdel-Magid, I. M. and Abdel-Magid, M. I. M., Computer Modeling Applications for Environmental Engineers, CRC Press; 2 editions (14 July 2017), ISBN 9781498776547 - CAT# K29736

Engineering Hydrology

- 6) Faris, G. F., and Abdel-Magid I.M., Problem-solving in engineering hydrology, published by Dammam University Press, AlKhobar, KSA, August 2013.
- 7) Faris, G. F. Abdel-Magid I.M., and Abdel-Magid, M. I. M., Problem-solving in engineering hydrology, CreateSpace Independent Publishing Platform, second edition enhanced, improved and updated, 2015. (ISBN-13: 978-1516876945; ISBN-10: 1516876946)

Occupational health and safety

- 8) Mohammed Isam Mohammed Abdel-Magid, Abdulaziz Barjas Albarjas, Fahad Abdullah Alharbi, Nawaf Ali Alrashood, Abdulaziz Salah Alzeer, Hala Bakheit Khalifa, Isam Mohammed Abdel-Magid. Illustrated By Lubna Isam Abdel-Magid, Occupational Health and Safety for Professionals, First edition, Dammam-Exter, 2021, ASIN : B08Y71V5V3, ASIN : B08Y4LD4MQ, Independently published ISBN-13 : 979-8702142159, https://www.amazon.com/gp/aw/d/B08Y4LD4MQ/ref=tmm_pap_title_0?ie=UTF8&qid=&sr=

Oral Communication

- 9) Abdelmagid, M. I. M., Abdelmagid, I. M. & Abdelmagid, T. I. M., (2020) Oral Communication and Public Speaking Skills for Professionals, Publisher: Independently published, ISBN-10: 1654382752, ISBN-13: 978-1654382759

Solid Waste Engineering

- 10) Abdel-Magid, I. M., Problem-solving in solid waste engineering, published by Dammam University Press, AlKhobar, KSA, October 2012.
- 11) Abdel-Magid, I. M., and Abdel-Magid, M.I.M, (2015), Problem-solving in solid waste engineering, CreateSpace Independent Publishing Platform, Second edition enhanced, improved, and updated, http://www.amazon.com/Problem-Solving-Solid-Waste-Engineering/dp/1515378977/ref=sr_1_1?s=books&ie=UTF8&qid=1439307919&sr=1-1 (ISBN-13: 978-



1515378976; ISBN-10: 1515378977)

Water Engineering

- 12) Abdel-Magid, I. M., Selected problems in water supply, Khartoum University Press, Khartoum, 1986. (DOI: 10.13140/2.1.4334.1606)

Wastewater Engineering

- 13) Abdel-Magid, I. M., Selected problems in wastewater engineering, Khartoum University Press, Khartoum, 1987. (DOI: 10.13140/2.1.4127.4964)
- 14) Rowe, D. R., and Abdel-Magid, I. M., Handbook of wastewater reclamation and reuse, CRC Press\Lewis Publishers, Boca Raton, 25 July 1995. (ISBN-13: 978-0873716710; ISBN-10: 087371671X). Best Seller Book. www.amazon.com/Handbook-Wastewater-Reclamation-Reuse-Donald/dp/087371671X

3.4.2] Arabic Books:

Educational Research

- 1) Rabah, A. M. and Abdel-Magid, I. M, Incubators record, Academy Records, AR No. 2, Sudan Academy Distributing and Publishing House, 2007, ISBN 978-99942-76-19-6 (DOI: 10.13140 / RG.2.1.4684.0807)
- 2) Abdel-Magid, I. M., and Hariri, A. S., Your engineering study: Selection, College of Engineering, Dammam University Press. May 2012. (DOI: 10.13140/RG.2.1.2169.1369)
- 3) Masoud Gameel Ahmed, Galal Abdellah Ali and Isam Mohammed Abdel-Magid, Science and scientific research: Application on science and engineering, number with Council for protection of copyright, related rights, and artistic works, 721/2015.

Environmental Engineering

- 4) Abdel-Magid, I. M. "Water treatment and sanitary engineering" Khartoum University Press, Khartoum, 1986. (A reviewed book) (DOI: 10.13140/RG.2.1.1962.0883)
- 5) El-Hassan, B. M and Abdel-Magid, I. M., "Industry and the environment: Treatment of industrial wastes" Inst. Environ. Studies, University of Khartoum, Sudan, Khartoum, 1986. (A reviewed book) (DOI: 10.13140/RG.2.1.4173.9283)
- 6) Abdel-Magid, I.M., "Environmental Engineering", Dar Al-Mustaqbal Publishers and Distributors, Amman, Jordan, 1995 (Number at the National Library 464/5/1995) (A reviewed book) (DOI: 10.13140/RG.2.1.1688.4244)
- 7) Abdel-Magid, I. M. "Pollution: Hazards and Control", Arab League Education Culture Science Organization ALECSO, AlGabbadah, Al-Aslia, P.O. Box 1120, Tunis. Won ALECSO prize for a book in engineering, 2002, ISBN 9973-15-100-3. (DOI: 10.13140/RG.2.1.1364.2722)
- 8) Abdel-Magid, I. M, Hassan, M. A. and ElTahir, M. A., Air, 2003 SBN 277/2003. (DOI: 10.13140/2.1.3474.0009); (DOI: 10.13140/RG.2.1.4561.6726)

General

- 9) Abdel-Magid, I. M., Ideas, and vision for action, Dammam, KSA, CreateSpace Independent Publishing Platform, 2015 (ISBN-13: 978-1517010799; ISBN-10: 1517010799)
- 10) Isam Mohammed Abdel-Magid, Keynote Lecture: A world-class civil engineering program, presented at the First Conference on Civil Engineering, organized by University, Merowe, Sudan, during the period 13-15 Dec. 2016
- 11) Isam Mohammed Abdel-Magid Ahmed, Shakil Ahmad Jamil Ahmad, Mohammed Isam Mohammed Abdel-Magid, (2017) Library Skills Fundamentals, First Edition, 2017, Dammam, Doha, Printed by CreateSpace, an Amazon.com Company, ISBN-10: 1544640137, ISBN-13: 978-1544640136, https://www.amazon.com/dp/1544640137/ref=sr_1_1?ie=UTF8&qid=1489333722&sr=8-1&keywords=9781544640136

Noise pollution and control

- 12) Abdel-Magid, I. M. Sr, and Abdel-Magid, M. I. M. Jr, Noise pollution, CreateSpace Independent Publishing Platform, Dec 20, 2015, ISBN-13: 978-1519795236; ISBN-10: 1519795238

Public awareness



- 13) Rizig, A.O.H., Abdel-Magid, M. I. M., Abdel-Magid, I. M. & Abdel-Magid, L.I. M., Guidelines for the prevention of coronavirus disease, Elrazi University, 2021,

Solid Waste Engineering

- 14) Abdel-Magid, I. M, Solid waste engineering and management, Sudan Academy Distributing and Publishing House, Scientific Books Series No. 1, Jan. 2006, ISBN 99942-76-04-2. (DOI: 10.13140/RG.2.1.2914.6087)
- 15) Abdel-Magid, I. M., and Abdel-Magid, M.I.M, (2015), Solid waste engineering and management, CreateSpace Independent Publishing Platform, (ISBN-13: 978-1517179045; ISBN-10: 1517179041)

Water Engineering

- 16) El-Hassan, B. M., Abdel-Magid, I. M. and Siddig, M. E. "Guidelines for operation and maintenance of slow sand filters in rural Sudan" Inter. Ref. Centre for Community Water Supply and Sanitation, IRC, Rijswijk, The Netherlands, 1983. (DOI: 10.13140/RG.2.1.1093.7368)
- 17) Abdel-Magid, I. M. and El-Hassan, B. M "Water supply in the Sudan" Khartoum University Press, National Administration for Water, Urban Water Corp., and NCR-Sudan, Khartoum, 1986. (A reviewed book) (DOI: 10.13140/RG.2.1.2371.6882)
- 18) Abdel-Magid, I. M., and Mohammed. A. D. "Water", Afaq Printing House, Khartoum 1999, SBN 250/988. Won Professor Abdalla Eltayb prize for the book of the year 1999, National Council for Press and Publication, August 1999. (A reviewed book) SBN 250/98 (DOI: 10.13140/RG.2.1.4510.0007)
- 19) Abdel-Magid, I. M, Salih, S. M., and Mergani, S., Fluids, Sudan University Press, Publishing and Distributing House, Khartoum, 2001, SBN 16/2001, (DOI: 10.13140/2.1.4563.5365)
- 20) Abdel-Magid, I. M, Salih, S. M., Mergani, S., and Ibrahim, A. A., Fluids, ElDar ElSudani Llkutub, Khartoum, 2001, SBN 16/2001
- 21) Abdel-Magid, I. M, and Ibrahim, A. A., Hydrology, Khartoum, 2002, SBN 310/2001. (DOI:10.13140/2.1.4235.8564)
- 22) ElSaid, Z. M., Mohammed, A. A, Abdel-Rahim, I. M., Tom, M. M., Ahmed, I. M., and Abdel-Magid, I. M, Raising water awareness, IRCC Scientific Guide Series, ISGS No. 2, 2003 SBN 223/2003. (DOI: 10.13140/RG.2.1.1200.4325)
- 23) Abdel-Magid, I. M., Mohammed. A. D. and Abdel-Magid, M. I. M., "Water", CreateSpace Independent Publishing Platform, v. 3; 2015, ISBN-13: 978-1517335809; ISBN-10: 1517335809) (DOI: 10.13140/RG.2.1.1565.5447)

Wastewater Engineering

- 24) Abdel-Magid, I. M, AlAgib, A. A., I. M., Ismail, A. A., and Mohammed, A. D., Wastewater, Sudan University Press, Publishing and Printing House, Khartoum, Sudan, 2000, SBN 250/99. (A reviewed book) (DOI: 10.13140/RG.2.1.1745.9281)

3.5] Edition of Published Proceedings:

- 1) Al-Turabi, D. A., El-Haj, H. A. and Abdel-Magid, I. M., "Proceedings of the First National Conf. on the Science and Technol. of Buildings with Special Reference to Buildings in Hot Climates", Sudan Engineering Society, Khartoum, Sudan 1986.
- 2) Abdel-Magid, I. M., Khadam, M. A., Osman, M. A. and Abdo, G. M., "Proceedings of the Inter. Conf. on Water Resources needs and Planning in Drought Prone Areas", Sudan Engng. Soci., UNDP, IAHR and UNESCO, Khartoum, Sudan 1987.
- 3) Imam, Z. B., Abdel-Magid, I. M. and Al Sadig, A. H., Proceedings of the seminar on Writing and Publishing, Al Shafeed Hall, Al Magran family Pork, 19 Nov. 1997, Sudan University press and Publishes and distributing house, Khartoum, Jan. 1998, SBN 524/97. (Arabic)
- 4) Abdel-Magid I. M. Alsadig, H.A., and Mohammed, A. A., Proceedings of the seminar on university book Taseel and Islamization Organized by Ministry of Higher Education and Scientific research, Juba University, AlMoutamar AlWatani, Sudan University for Science and Technology, held in 28th Feb. 1998 at College of Technology and Human Development, SUST, Sudan University Press, Publishing and Distributing House, Khartoum, March 1998, SBN 57/98. (Arabic) (DOI: 10.13140/RG.2.1.4913.9281)
- 5) Abdel Magid, I. M., FadAllah, A.M., and Al Sadig H.A., processing of the Seminar on University book: Problems and solutions, organized by the Ministry of Higher Education and Scientific Research and held at the Green Hall of the National Assembly, 6 August 1998, Publishing ministry of Higher Education and Research, Khartoum, Feb. 1998, SBN 152/98, SBN 99/98 (Arabic) (DOI: 10.13140/RG.2.1.1060.9687)



- 6) Abdel Magid, I. M. Proceeding of the Seminar on coordination of efforts of knowledge Taseel and Islamization organized by Ministry Higher Education and Implementation of Islamic Shariaa Support fund Al Shuhada Hall, the University of Holly Green and Islamic Sciences, 6 - 7 May 1998, Omdurman, published by MHE and SR, Khartoum, May 1998, SBN 99/98. (Arabic)
- 7) Abdel Magid, I. M., Processing of the Seminar in Qualifying and Training in universities, organized by Ministry of Higher Education and Scientific Research, Green Hall and Notional Assembly, Omdurman, 17 Sept. 1998., published by Ministry of Higher Education and Scientific Research, October 1998, SBN 180/1998. (Arabic) (DOI: 10.13140/RG.2.1.3846.2482)
- 8) Abdel Magid, I. M. Proceeding of the Seminar in Role of Scientific research in development, organized by Ministry of Higher Education and Scientific Research MHE, held at the Green Hall the National Assembly 15th Oct. 1998, Published by MHE, Nov. 1998, SBN 201/98. (Arabic) (DOI: 10.13140/RG.2.1.1290.3444)
- 9) Abdel Magid, I. M., AbdelSalam, K. A., AbdelRahim, H. and Ahmed, H. S., Proceeding of the first student conference on globalization, Conference Hall, College of Technology and Human Development, SUST, 23-24 June 2001, SBN 155/2001 (Arabic)
- 10) Ali, M. S. M, AlAbid, M. A. O. and Abdel- Magid, I. M. Proceeding of the national conference on roads, Khartoum 5-8 Nov. 2001, Sudan Engineering Society, SBN 152/2002.
- 11) Abdullah M.B., Abdel-Magid I.M., Balila I.A.A., Aldaw A.K., Abdullah A.G., Mohammed A.A., Khair M.S.A.M., Tom M.M., Sharif O.A., held on 11-12 Dec. 2004, at Arab Organization for Agricultural Development hall, Khartoum, organized and published by Sudan Regional Water Partnership Workshop Proceedings, Jan 2004 (DOI: 10.13140/RG.2.1.1880.1685)

3.6] Scientific Research Publications:

- 1) Salih, A. A., Hamad A. E., Abdelallah, S. Y. M., Mohammed. A.M., ElHassan, A.A., Sherif, A.A., and Abdel Magid, I. M., A guide in the preparation of research and scientific studies, TPS No. 1, SRFAC, SUST, 2001, First and Second Edi., SBN 106/2001. (DOI: 10.13140/RG.2.1.2412.8488)
- 2) Salih, A. A., Hamad A. E., Abdelallah, S. Y. M., Mohammed. A.M., ElHassan, A.A., Sherif, A.A., Abdel Magid, M.I. M. and Abdel Magid, I. M., A guide in the preparation of research and scientific studies, ISBN-13: 978-1532781681, ISBN-10: 1532781687, Printed by CreateSpace, an Amazon.com Company, 2016.
- 3) Balloum, A., Mustfa, I., Abdel Magid, I. M., and Ahmed, A.S., Study for evaluating results of the misuse of non-traditional water resources in Arab agricultural environment, Arab Organization for Agricultural Development, Sept. 2001, Code No.: AOAD 2002 RG-S-54-01013.
- 4) Abdel Magid, I. M., Selected papers in environmental engineering, Scientific Paper Series, SPS No. 1, Sudan Academy Publishing and Distributing House, 2006, ISBN 99942-76-09-3. (DOI: 10.13140/2.1.2327.1200)
- 5) Abdel Magid, I. M., Scientific papers along with environmental engineering, Scientific Paper Series, SPS No. 2, Sudan Academy Publishing and Distributing House, 2006, ISBN 99942-76-10-7. DOI: 10.13140/2.1.1278.5446; (DOI: 10.13140/2.1.1016.4005)
- 6) Salih, A. Abdel Magid, A., Abbaker, A., Mohammed, H. I., Abdel Magid, I. M., Yousif, K., Issa, M., A., Salman, M. A., Gameel, S. O., and Abdel-Rahman, R., Dialogue on water and MDG's, Sudan Academy Publishing and Distributing House, CSS 2, June 2007, ISBN 978-99942-76-32-8. (DOI:10.13140/RG.2.1.3766.5767)

3.7] Un-Published Lecture Notes:

- 1) Preparation of lecture notes for Civil Engineering students. These lectures are designed to serve different courses and they carry the following titles:
 - i) Part One: Water and Wastewater Characteristics, September 1991.
 - ii) Part Two: Water Supply and Human Health, September 1991.
 - iii) Part Three: Water Treatment and Distribution, Sept. 1991.
 - iv) Part Four: Wastewater Engineering, Set., 1991.
 - v) Public health in engineering systems.
- 2) Co-author of the booklet entitled "Introduction to Environmental Engineering". The booklet was intended as an introductory course in environmental engineering for students in different disciplines.
- 3) Co-author of the booklet entitled: Public Health Engineering Laboratory Manual, the booklet was intended to help students while conducting relevant experiments in environmental aspects, May 1992.
- 4) Fluid Mechanics, 1994.
- 5) Environmental Engineering, I, February 1995.
- 6) Environmental Engineering II, September 1995.



- 7) Kunnashat Alhandsa Albieiah, Booklet on environmental engineering, SUST, OIU, 2000

3.8] Published Bulletins

- 1) Ali, G.A., Abdel-Magid, I. M., Abdel-Wahab, A., and Sharief, S. M. "Faculty of Engineering and Architecture, University of Khartoum bulletin 1987/1988" Faculty of Engineering and Architecture, University of Khartoum, Khartoum, April 1988.
- 2) Hamid, H. I., Abdel-Magid, I. M. and El-Atrouzi, M. N. H. "Civil Engineering Department, Bulletin 1988/1989, University of United Arab Emirates" Al-Ain, 1989
- 3) Abdel-Magid, I. M., "Civil engineering department bulletin, Faculty of Engineering, 1997/1998, Faculty of engineering sciences, OIU, Omdurman 1997.
- 4) Abdel-Magid, I. M., Ismail, H.A.E., Akasha, M., AlMurtada, M., AbuAlmali, E. S., Nawrani, G., Nasar, A., and AlMubarak, M., "Faculty of engineering bulletin 1997/1998, Faculty of engineering sciences, OIU, Omdurman 1997.
- 5) Abdel Magid, I. M., AbdelSalam, A. K., Abdel-Rahim, H. and Ahmed, H. S., Scientific Research, and Foreign Affairs Centre, SUST, Khartoum, 2001 (Arabic)
- 6) Gafar, B. A., Hassan, S. S., Mohammed, Y. E, and Abdel Magid, I. M., College of engineering bulletin, SUST, Sudan University Printing, Publishing and Distribution House, Khartoum, 2002, SBN 279/2001.
- 7) Abdel-Magid, I.M., Ismail, H. A.E., Nasr, A.H., Abu-Almali, E. E.T., Ibrahim, M. E., Ali, M. O., ElMabarak, M., Abu-Hamid, F.S., Mohammed, O.E., Mohammed, S.A., ElHiti, G., and Adam, A.A., Guide 2004, Faculty of Engineering Sciences, Omdurman Islamic University, Omdurman.
- 8) Abdel-Magid, I. M., AlAbjar, Z. E. and Ali, M. S., Safety regulations in laboratories, SAS, 2005.
- 9) Abdel-Magid, I. M., AlAbjar, Z. E., Mohammed, M. B. and Hassan, A. H., Work area safety and security regulations, ACS No. 3, SAS, 2005. ISBN: 99942-76-00-x.
- 10) Abdel-Magid, I.M., and Omer Othman Aga, College of Engineering Bulletin, First Edition, Imam Abdulrahman Bin Faisal University, Printed by University Press, Dammam (English and Arabic) 2018.
- 11) Abdel-Magid, I.M., and Omer Othman Aga, College of Engineering Student Handbook, First Edition, Imam Abdulrahman Bin Faisal University, Printed by University Press, Dammam (English and Arabic) 2018.
- 12) Khalifa, A.K.M. Abdel-Magid, I.M., and Omer, N.H., 2023, College of Water & Environmental Engineering Bulletin, Sudan University for Science & Technology, First Edition, Khartoum-Sudan (under review)

3.9] Published Calendars:

- 1) Abdel-Magid, I. M., Al-Abjar, Z. E. Ahmed, M. G. M., and Ali, M. S., Academy calendar, Academy Calendar Series, ACS No. 1, Sudan Academy Distributing and Publishing House, (1st ed. Sept.2004), 2nd ed. May 2005 BN 316/2005.
- 2) Abdel-Magid, I. M., Al-Abjar, Z. E. and Ali, M. S., Management calendar, Academy Calendar Series, ACS No. 4, Sudan Academy Distributing and Publishing House, 2006, ISBN 99942-76-03-4, ACS No. 11, Feb. 2007, ISBN 978-99942-76-20-2.
- 3) SAS Panel of Experts Committee, the five-year research plan for postgraduate studies 2007-2011, Academy Calendar Series, ACS No. 8, Sudan Academy Distributing and Publishing House, 2006, ISBN 99942-76-12-3
- 4) Hassan, A.A.A., and Abdel-Magid, I. M., University study: Secured road and progress, Academy Calendar Series, ACS No. 9, Sudan Academy Distributing and Publishing House, 2006, ISBN 99942-76-12-1. (Arabic)
- 5) Abdel-Magid, I. M., Hassan, A.A.A., al-Fihaid, A.F.T. and Ahmed, L.I.M.A., University study: Secured road and progress, Preliminary Year and Supportive Studies Deanship, University of Dammam, KSA, 2015. (Arabic)
- 6) Abdel-Magid, I. M., A light along your postgraduate study, Academy Calendar Series, ACS No. 12, Sudan Academy Distributing and Publishing House, Dec. 2006, ISBN 99942-76-17-4. (Arabic). (DOI: 10.13140/RG.2.1.3217.7124) (DOI: 10.13140/RG.2.1.1341.7443)
- 7) Al Abjr, Z. E. and Abdel-Magid, I. M., Academy: FAQs, Academy Calendars Series, ACS No. 16, Sudan Academy for Sciences Publication and Distribution House, April 2007, ISBN 978-99942-76-25-7 (In Arabic).
- 8) ElTayeb, E. E., Abdel-Ghani, M.E., Abdel-Magid, I. M., Baddour, I. M., and Issa, M.A., Community development council calendar, Sudan Academy for Sciences Publication and Distribution House, ACS 23, Aug. 2007, ISBN 978-99942-76-37-0 (In Arabic).
- 9) Isam Mohammed Abdel-Magid; Al-Abgar Z.A; Mohammed M.B. and Hassan M.A., Safety in the workplace, Academy Calendar Series, No. 3, Sudan Academy Publication and Distribution House, Jan. 2005 ISBN: 9942-76-00-x, (DOI: 10.13140/RG.2.1.3256.4241)



3.10] Book Review:

- 1) Book review upon the request of Water International Journal: "Control of organic substances in water and wastewater pollution technology" by Berger, B.B., Published by Noyes Data Corp., New Jersey, 1987. The review appeared on J. Wat. Inter. issue number 12(1), 1987, 210 - 211.
- 2) Salih, A.A., Mohammed, M.O., Mahal, G.A., Nour, A.S.M, checked by Ali, A.M. and Abdel Magid, I.M., Principles of engineering sciences, first-year high secondary school, National Curriculum Development and Educational Research Centre, Bakht-al-rudah, Ministry of Education, 1st Edi., 2000 (DOI:10.13140/RG.2.1.4772.1448)
- 3) Abdel Magid, I.M., school certificate solved examination problems (DOI: 10.13140/RG.2.1.3086.6400)
- 4) Musnad, H.A., Musa, T.E., Mohammed, H.E., ElObied, A.M., ElGamri, T., Hamid, H.I., Yousif, Y.A., ElMahal, A.E. and Ahmed, A.G.M, checked by Abdel Magid, I.M., (2000) Integrated water resources management, IWRM, Scientific Research and Foreign Affairs Centre (SRFAC), SUST, TPS No. 2, Khartoum, SBN 174/2001.

3.11] Translated Books from English to Arabic:

Environmental Engineering

- 1) Abdel-Magid, I.M. "Selected problems along environmental engineering", Khartoum University Press, Khartoum, 1998, (SBN 122/98). (DOI: 10.13140/RG.2.1.4165.9363)

Water Engineering

- 2) El-Hassan, B. M, Abdel-Magid, I.M. and Siddig, M.E. "Guidelines for operation and maintenance of slow sand filters in rural areas in developing countries" International Reference Centre for Community Wat. Supply and Sanitation, IRC, Rijswijk, The Netherlands, Jan. 1983. (DOI: 10.13140/RG.2.1.4567.1446)
- 3) TAC, GWP, Integrated water resources management at a glance, Abdel-Magid, I.M. and Mahmoud, L.S., 2001
- 4) Rogers, P., Bahatia, R., and Huber, A., Water as a social-economic good: how to put the principle into practice, Technical Advisory Committee (TAC) Background Papers No. 2, Global Water Partnership (GWP)/Swedish International Development Cooperation Agency, Stockholm, Sweden, 1998, (ISBN 91-586-7620-1, ISSN 1403-5324. (Translated version: ISBN 91-631-0290-0))
- 5) Agarwal A., Angeles, M. S., Bhatia, R., Cheret, I., Davila-Poblete, S., Falkenmark, M., Villarreal, F. G., Jonch-Clausen, T., Kad, M. A., Kindler, J., Rees, J., Roberts, P., Rogers, P., Solanes, M., and Wright, A., Integrated water resources management, Technical Advisory Committee (TAC) Background Papers No. 4, Global Water Partnership (GWP)/Swedish International Development Cooperation Agency, Stockholm, Sweden, 2000, (ISBN 91-630-9229-8, ISSN 1403-5324. (Translated version: ISBN 91-631-0258-7))
- 6) Musnad, H. A., Musa, T. E., Mohammed, H.E., ElObied, A. M., ElGamri, T., Hamid, H. I., Yousif, Y. A., ElMahal, A. E. and Ahmed, A. G. M, checked by Abdel Magid, I. M., Integrated water resources management, IWRM, SRFAC, SUST, TPS No. 2, Khartoum, SBN 174/2001
- 7) Hall, A.W., Sunman, H., Allen, T., Steenbergen, F.V. and Walmsley, N., Towards water security: A framework for action: Executive summary, Stockholm, Sweden, 2000, Abdel-Magid, I. M. and Mahmoud, L. S., ISBN 91-630-9202-6.
- 8) Mahmoud, L. S. and Abdel-Magid, I.M., Nile Basin Initiative, Shared Vision Program, Water resources planning and management project, Water policy guidelines, and compendium of good practice, Nov. 2006. (Translation to Arabic)

3.12] Regulations:

- 1) Imam, Z.B. Abdel-Magid, I.M., AlManna, M.M., Fadallah, A.M. Madison, B., AlHassan, A.M., AlMagboul, H.A.M., Abuzaid, A.A., Abbas, A.A. and Hassan A.M., Administrative regulations for Juba University, Juba University Publication Series No.. 1/99, (SBN 264/98).
- 2) Abdel Magid, I.M., ElSadig, A.H., Mohammed, A.A., Ali, K.F., University law and regulations, Sudan University Printing, Publishing and Distribution House, Khartoum, 2001, SBN 121/2001.
- 3) Abdel Magid, I.M., Badi, K. M, Ali, M.T., and Bely, A.K., Job description and administrative regulations to the college of engineering, College of Engineering Publication Series No. 2, Khartoum, 2002, SBN 117/2002.

3.13] School Textbooks:

- 1) Abdel-Magid, I. M., Ali, A.M., Salih, A.A., AlWasila, A.A., Nour, A.S.M., and Khirallah, M. A., Principles of engineering sciences, second-year high secondary school, National Curriculum Development and



Educational Research Centre, Bakht-al-rudah, Ministry of Education, 1st Edi., 2001

- 2) Abdel-Magid, I. M., Ali, A.M., Salih, A.A., AlWasila, A.A., Nour, A.S.M., and Khirallah, M. A., Principles of engineering sciences, third-year high secondary school, National Curriculum Development and Educational Research Centre, Bakht-al-rudah, Ministry of Education, 1st Edi., 2002
- 3) Abdel-Magid, I. M., A.M., Salih, A.A., Ali, and Khirallah, M. A., Engineering sciences enterprise, for high secondary school certificate, Khartoum 1st Edi., 2002, SBN 171/2002.

3.14] General Publications:

- 1) Research Studies for development, Academy Publications Series, ACS No. 1, Sudan Academy Distributing and Publishing House, Oct. 2006, ISBN 99942-76-11-5.
- 2) List of graduates, Academy Publications Series, ACS No. 2, Sudan Academy Distributing and Publishing House, Feb. 2007, ISBN 978-99942-76-23-3.
- 3) Abdel-Magid, I. M., She: My mother: Set of sunrise, Khartoum, Sudan, 2009, ISBN 978-99942-928-8-2.
- 4) Abdel-Magid, I. M., Bit Hasona: Umsalam bit Al-Tahir, Matbat Midad AlFaniya (Midad Technical Printing), Khartoum, Sudan, 2010, ISBN 978-99942-968-2-8.
- 5) Abdel-Magid, I. M., My mother Umm Salamah, the elixir of Motherhood, v4 (2015). (DOI:10.13140/RG.2.1.2093.8320) (Android App: <https://play.google.com/store/apps/details?id=net.isamabdelmagid.mima.umsalamabiography>)
- 6) Abdel-Magid, I. M., Engineering nectar - An article, Octan magazine, 2nd Edi., February 2020, pp. 34.

3.15] Editor of Scientific Journals:

- 1) Sudan Engineering Society Journal, ISSN 0049-2469, P.O. Box 759 Khartoum, Sudan, 1983 to 1988.
- 2) Journal of Science and Technology, SUST, ISSN 1605-427X. (Founder, and Editor-in-chief), 2002 to 2002.
- 3) Journal of Engineering and Technology, SUST, ISSN 1680-9548. (Founder, and Editor-in-chief), 2002 to 2002.
- 4) Industrial Research Journal, IRCC, (Founder, and Editor-in-chief), 2002 to 2004.
- 5) Sudan Academy of Sciences Journal, ISSN 1680-9548, SAS, Accepted by the National Press Council, 2005.
- 6) Member editorial board, as per the letter of appointment from Dean Scientific Research, Sudan University for Science & Technology, April 29, 2013.

3.16] Editor of News Papers:

- 1) Engineer, a newspaper, College of Engineering, SUST, (Founder and co-editor-in-chief), 2002.
- 2) AlAcademia, a newspaper, SAS, (Founder and co-editor-in-chief), 2005.

3.17] Review of Author's Publications:

- 1) Solid waste: losses and benefits, Alhaya Alilmia (Scientific life) magazine, Vol. 13 Second year, August 2006, pp. 62 – 63.

3.18] Published records and guidelines:

- 1) Hamad, M. M. O., Abdel-Magid, I. M., and Ali, O. M. S., Water between science and arts, Sudan Academy of Sciences Publishing and Distribution House, AR 1, 2007, ISBN 99942-76-18-2, No. with Federal Council for Artistic Publications 756/2006. (DOI: 10.13140/RG.2.1.3438.8966)
- 2) Rabah, A. M. and Abdel-Magid, I. M., Incubators record, Sudan Academy of Sciences Publishing and Distribution House, AR 2, Jan. 2007, ISBN 978-99942-76-19-6, No. with Federal Council for Artistic Publications 2/2007. (DOI: 10.13140/RG.2.1.1407.2805)

3.19] Uploaded to ResearchGate and got DOI:

- 1) Elham Munir Baddour and Isam Mohammed Abdel-Magid (2014), Environmental engineering for ladies. DOI: 10.13140/RG.2.1.2677.8485
- 2) Isam Mohammed Abdel-Magid and Tasneem Isam Mohammed Abdel-Magid, (2015). Guidelines for Thesis Preparation, DOI: 10.13140/RG.2.1.1012.8249
- 3) Lubna Isam Mohammed Abdel-Magid, Isam Mohammed Abdel-Magid, Training portfolio for Choosing your most appropriate university major, Public lecture held at Sudanese Cultural Club at Doha, Qatar, 7th May 2015, ResearchGate DOI: 10.13140/RG.2.1.2650.0725
- 4) Isam Mohammed Abdel-Magid, Steps to follow to plot Student Learning Outcomes, SLOs, radar chart for an academic course, an unpublished document prepared in May 2016, DOI: 10.13140/RG.2.1.1355.0968



- 5) Mohammed Isam Mohammed Abdel-Magid and Isam Mohammed Abdel-Magid, Health Quality Index for Desert Cities and Populations in Kingdom of Saudi Arabia: A Concept Paper, Paper presented at the Scientific Conference Concerning Sustainable Development in Desert Areas, organized by Imam Abdulrahman Bin Faisal University and An-Nariyah district; during the period 22 to 24 January 2019.
- 6) Isam Mohammed Abdel-Magid Ahmed, Environmental Engineer's Expectations (EEE), on Wednesday 8 April 2020, organized by the College of Engineering Continuous Education Committee, College of Engineering, held online via Zoom platform, Imam Abdulrahman Bin Faisal University, Al-Khober, KSA, DOI: 10.13140/RG.2.2.13491.37927
- 7) Eng. Tasneem Isam Mohammed Abdel-Magid and Prof. Dr. CEng. Isam Mohammed Abdel-Magid, Grading of an Assessment Rubric, DOI: 10.13140/RG.2.2.16717.38887, https://www.researchgate.net/publication/340952747_Grading_of_an_Assessment_Rubric#fullTextFileContent.
- 8) Isam Mohammed Abdel-Magid Ahmed, Environmental sanitation, organized by Sabinaa wa Pennangiz Organization, Consultant Office, Saturday, 6 June 2020 at 8 pm Khartoum local time (7:00 GMT) through Zoom.us program, DOI: 10.13140 / RG.2.2.11652.35201
- 9) Abdel-Magid, I.M., What did engineering provide for Sudan in the field of infrastructure, development, and construction? General open lecture, organized by goma8ra.com & delivered through their platform on Sunday 12th July 2020, <https://twitter.com/goma8ra/status/1282317769170653184?s=20> (presenter). DOI: 10.13140/RG.2.2.21069.46567
- 10) Abdel-Magid, I.M., Features of safe disposal of solid pollutants and control of toxic substances, a lecture organized by the Sudanese Engineers Organizations in Saudi Arabia, on 19th July 2020, <https://www.facebook.com/events/1161633494197287/> and Zoom Meeting 4395, DOI: 10.13140/RG.2.2.16858.77761
- 11) Isam Mohammed Abdel-Magid and Tasneem Isam Mohammed Abdel-Magid, pairwise comparison, Presentation to final year students for their final year design project, held by AU Intellect Training Centre at Ahlam Haboba on Saturday 5th November 2022, DOI: 10.13140/RG.2.2.19222.83522
- 12) Isam Mohammed Abdel-Magid and Tasneem Isam Mohammed Abdel-Magid, Multi-criteria decision-making, Presentation to final year students for their final year design project, held by AU Intellect Training Centre at Ahlam Haboba on Saturday 5th November 2022, DOI: 10.13140/RG.2.2.29289.16487
- 13) Isam Mohammed Abdel-Magid, Theme lecture: Water and environment nexus, 4th Conference on Civil Engineering CCE2022-Sudan, held in Nyala, Sudan, during the period 13-15 December 2022, <http://cce2022.nyalau.edu.sd/>, DOI: 10.13140/RG.2.2.28247.96161
- 14) Mohammed Isam Mohammed Abdelmagid, Afraa Abusalih, and. Isam Mohammed Abdel-Magid, COVID-19, Water and Sanitation Interactive Abetment Scenarios for Low-Income Developing World, 4th Conference on Civil Engineering CCE2022-Sudan, held in Nyala, Sudan, during the period 13-15 December 2022, <http://cce2022.nyalau.edu.sd/>, DOI: 10.13140/RG.2.2.13948.00641

3.20] Mobile Android applications

- (1) هي أمي غروب , <https://play.google.com/store/apps/details?id=net.isamabdelmagid.mima.umsalamabiography> (2017)
- (2) هندسة النفايات وإدارتها (2019) <https://play.google.com/store/apps/details?id=net.isamabdelmagid.mima.solidwaste>
- (3) التلوث بالفضاء والضجيج , <https://play.google.com/store/apps/details?id=net.isamabdelmagid.mima.noisepollution> (2016)
- (4) المرشد في اعداد البحوث <https://play.google.com/store/apps/details?id=net.isamabdelmagid.mima.researchmethodology>

3.21] Work in Progress (publication along pipeline):

Environmental Engineering

- (1) نواف عصام أحمد بليسي وأ. د. م. م. عصام محمد عبد الماجد، مبادرة قسم الهندسة البيئية في جامعة الدمام وإعلان مبادئه لتفعيل رؤية 2030، ورقة مقدمة لمؤتمر دور الجامعات السعودية في تفعيل رؤية (2030)، تنظيم جامعة القصيم ، تاريخ الانعقاد: الفترة من 6-7 / 4 / 1438 الموافق 4-5 / 1 / 2017

- 2) Nawaf Isam Ahmed Belaisi, Isam Mohammed Abdel-Magid Ahmed and Mohammed Isam Mohammed Abdel-Magid, Problem Solving in Solid Waste Engineering, Scientific Publications Centre, Imam



Abdulrahman Bin Faisal University, Dammam, KSA

- 3) Mohammed Isam Mohammed Abdel-Magid, Isam Mohammed Abdel-Magid, and Taghreed Isam Mohammed Abdel-Magid, Health, safety and hygiene in buildings
- 4) Hisham I. M. Abdel-Magid, Nawaf Blaisi and Isam Mohammed Abdel-Magid, Environmental Engineering Initiative and Declaration of Principles to Activate Saudi Arabia Vision 2030, Journal-World Development
- 5) ثقافة واستراتيجيات إدارة الأزمات ودور الحقائق والسيناريوهات د. إلهام منير بدور وأ. د. م. م. عصام محمد عبد الماجد أحمد
- 6) Ali Algarny, Hisham I. M. Abdel-Magid, Nawaf I. Blaisi, and Isam Mohammed Abdel-Magid, Environmental Engineering Initiative and Declaration of Principles to Activate Saudi Arabia Vision 2030
- 7) Elham Mounir Bador, Adel Awad, Eng. Lubana Ibrahim, and Isam Mohammed Abdel-Magid, Determining groundwater quality: The case study of drinking water wells in the city of Masyaf
- 8) Othman Subhi D. Alshamrani, Hisham I.M. Abdel-Magid, Mohammed Saud bin Hader, Mohammed I.M. Abdel-Magid, Isam Mohammed Abdel-Magid, "Disaster Level Index Assessment Method in The Era of COVID-19", Arabian Journal for Science and Engineering (AJSE), em@editorialmanager.com; [has been successfully submitted online and is presently being considered for publication in the Disasters Journal. manuscript ID is DISA-Aug-20-3102.](#)
- 9) Eltayeb H. Onsa Elsadig; Ghassan M. T. Abdalla; Muna Mustafa Eltahir; Gasim Hayder; Abderrahim A. I. Lakhout; Isam M. Abdel-Magid; Hisham I. Abdel-Magid; Anes Ben Messaoud; Ahmed H. A. Yasin, Omer A. Sayed; and Mohamed B. Elswai (2021) Application of Fuzzy Analytical Hierarchy Process for Revising OIU Main-Campus Masterplan to ensure Sustainable Environment, Science Engineering Technology and Sustainability International Conference (SETS2021), 23-25 December 2021, Khartoum, Sudan

Civil Engineering

- 1) Abdel-Magid, I. M., et al, Theory of structures, Sudan University Publishing and Distributing House, SUST, Khartoum.

Water Engineering

- 1) Abdel-Magid, I. M., et al, Hydrology and hydraulics, Sudan University Publishing and Distributing House, SUST, Khartoum.
- 2) Ahmed, Y., Faris G. F., and Abdel-Magid I.M., Determination of the Annual Recharge, Groundwater Extraction, and Lens Thickness for Small Community Islands. A Case Study, submitted for publication to the Journal of Engineering Science & Technology (JESTEC) School of Engineering, Taylor's University, Malaysia, paper ID is MISC13_22.
- 3) Faris, G. F., and Abdel-Magid Ahmed, I.M., An Islamic Perspective on the Management of Water Quality as an Integral Part of Sustainable Development, under review.

Education

- 1) Mohammed Isam Mohammed Abdel-Magid and Isam Mohammed Abdel-Magid, Plotting Direct and Indirect Assessment Radar Charts for an Academic Course following ABET Accreditation System
- 2) Tasneem Isam Mohammed Abdel-Magid and Isam Mohammed Abdel-Magid, Assessment and Evaluation in Higher Education, Springer Journals Editorial Office, Educational Assessment, Evaluation and Accountability, <em@editorialmanager.com>

Upcoming conference

- 1) Othman Subhi Alshamrani, Abdulaziz Fahd Al Muhanna, Hisham I.M. Abdel-Magid, and Isam Mohammed Abdel-Magid, LIFE CYCLE ASSESSMENT OF HOSPITAL BUILDINGS USING DIFFERENT WALL SYSTEMS IN SAUDI ARABIA, Session: Earth Science and Economy / 3.30 P.M /25th May 2021
- 2) Eng. Tasneem Isam Mohammed Abdelmagid and Prof. Dr. CEng. Isam Mohammed Abdel-Magid, A Comprehensive Grading Approach for an Assessment Rubric, Session: Global Environmental Health / 2.40 P.M /25th May 2021



Part Four: Conferences and seminars

Summary of numbers conferences and seminars				
Activity type	National	Regional	International	Total number
a) Conferences, seminars, and workshops attended				
Academic & professional engineering accreditation		Saudi Arabia		8
Architecture: Education and practice	Sudan	Saudi Arabia		9
Capacity-building, community education & participation		Jordan, Saudi Arabia		12
Circular economy		Saudi Arabia		8
Copyright & neighboring rights	Sudan			6
Education & pedagogy	Lebanon, Sudan	Algeria, Oman, Saudi Arabia, UAE		13
Electronic trade workshop	Sudan			7
Engineering contracts, and their disputes	Sudan	Saudi Arabia		6
Engineering Database	Sudan	Saudi Arabia		17
Energy		Saudi Arabia		16
Environment, national conservation strategy		Oman, Saudi Arabia		28
Globalization	Sudan			5
Green buildings & their effects on the environment		Saudi Arabia		7
Greenhouse gases mitigation analysis	Sudan	Saudi Arabia		9
Health & hygiene	Sudan	Saudi Arabia		7
Leadership and change	Sudan			19
Mining	Sudan			7
Modeling, programs & software	Sudan	Saudi Arabia		17
Network informatics, information & telecommunication	Sudan			9
Scientific Research	Sudan			15
Operation Research	Sudan			45
Peace,	Sudan			37
Publishing and publishing	Sudan			14
Public health		Saudi Arabia	Malaysia, Saudi Arabia	8
Science and Technology of Buildings	Sudan	Saudi Arabia, UAE	Japan	9
Solid waste management & engineering	Sudan	Saudi Arabia		12
Technical Innovations & vocational education	Sudan			8
Technology and policies			Korea	6
Traffic and transportation engineering		Saudi Arabia		13
Water resources, needs, planning, management & irrigation & drainage	Sudan, Uganda,	Egypt, Kenya, Oman, Saudi Arabia	Sweden	7
Wastewater, sewage treatment works	Sudan	Oman	Malaysia, Scotland, South Africa, Turkey	6
Women, water management & technology	Sudan			17
21st Century Skills		Saudi Arabia		16
b) Online learning attendance and participation				
Financial management	Sudan			1
Trends that impact plagiarism and cheating		Saudi Arabia		1
Project management system for research projects	Sudan	Saudi Arabia		3
Strategic planning	Sudan	Saudi Arabia		2
c) Principal conveyor and deliverer of conferences, seminars, and workshops				
Choosing appropriate major	Sudan	Qatar		2
Choosing your engineering major	Sudan			1
Education café		Saudi Arabia		1
Engineering sciences training	Sudan			1
HBDI	Sudan	Qatar		2
Medical waste	Sudan			1
Operation and maintenance of wastewater treatment plants	Sudan			1
Practical answers projects	Sudan			1
Research Connections, collaboration, and diplomatic external links	Sudan			1
Role of women in the management of water resources	Sudan			1
Sanitation and MDGs	Sudan			1
Scientific publishing	Sudan	Saudi Arabia		2
Sustainable energy, clean energy & sustainability		Saudi Arabia		1
The researcher to be	Sudan	Saudi Arabia		2
Water culture and quality	Sudan			1
Water for life	Sudan			1
Water & Sanitation	Sudan			1



4.1] Conferences, Seminars, and Workshops Attended:

- 1) "International seminar on irrigation and drainage" Organized by Institute of Hydrology, Italy; Ministry of Irrigation, Egypt, held at Cairo 2 - 7 Oct. 1978. (Attendance)
- 2) "Symposium on the small sewage treatment works" organized by IPHE (Scottish Centre), held at Hamilton, Scotland, 2 Dec. 1981. (Attendance)
- 3) "Workshop on inter-country consultation on environmental health research", organized by WHO, held at Amman, Jordan, 18 - 22 Dec. 1983 (Presentation of paper, rapporteur).
- 4) "Seminar on slow sand filtration, community education and participation", organized by IRC (The Netherlands); University of Khartoum; National Administration for Water; School of Hygiene and Environmental Studies, Sudan; held at the University of Khartoum, 13 -17 Nov. 1983. (Member of the organization committee, + presentation of a paper).
- 5) "Installation training course in lake water quality", Organized by the Governments of Sudan, Egypt, Kenya, Uganda, Zaire, Ethiopia, and Rwanda, held at Nairobi, Kenya, 12 - 25 May 1984. (Attendance).
- 6) "First National Conference on the Science and Technology of Buildings with Special Reference to Buildings in Hot Climates", Organized by the Sudan Engineering Society, 8 - 14 Dec. 1984, held at the Friendship Hall, Khartoum. (Member of the organization and steering committee, + presentation of a paper).
- 7) "Course for treatment plants operators and caretakers", organized by the Faculty of Engineering and Architecture, (University of Khartoum); WHO; Ministry of Health; School of Hygiene and Environmental Studies, Sudan, and held at the Faculty of Engineering and Architecture, 14 - 26 July 1984. (Member of the organization committee)
- 8) "Workshop on operation research", organized by the Department of Community Medicine (University of Khartoum, Sudan); and Centre for Population and Family Health of Columbia University (New York, USA), held at Shendi, Sudan 2 - 8 March 1985. (Attendance).
- 9) "WHO sponsored workshop towards greater participation of the University into the global goal of health for all by the year 2000 A.D.", organized by the Department of Community Medicine (University of Khartoum), Ministry of Health (Sudan); and WHO, held at Khartoum, Sudan 7 - 13 Oct. 1985. (Attendance).
- 10) "Conference on education courses", organized by the Ministry of Education, Sudan, held at Grand Hotel, Khartoum, 24 - 27 Nov. 1984. (Attendance).
- 11) "National education conference", organized by the Ministry of Education, Government of Sudan, Sudan, held at Friendship Hall, Khartoum, Dec. 1982. (Attendance).
- 12) "International Conference on Water Resources needs and Planning in Drought Prone Areas", Organized by Sudan Engng. Soci, UNESCO, IAHR, and UNDP, held at Friendship Hall, Khartoum, 6-12 Dec. 1986. (Member of the organization committee, presentation of a paper, and Chairman of a technical session).
- 13) "National conference on Rural Drinking Water", organized by the National Rural Development (Sudan), and UNESCO, held at Hilton Hotel, Khartoum, 10 - 13 Oct. 1987. (Member of the organization committee, presentation of a paper, and Chairman of a technical session).
- 14) "Second seminar on rural water - Middle District, Sudan", organized by Rural Water Administration (Middle District, Sudan), and held at Wad-Medani, 29 Oct. - 1 Nov. 1985. (Attendance Chairman of a technical session).
- 15) "Workshop on responsibilities of the engineer, executor, and insurance company towards buildings", Industrial and Commercial Centre, Abu-Dhabi, United Arab Emirates, 31 Jan 1989, (Attendance).
- 16) "Gulf education and training exhibition, 1989", organized by Ministry of Education, UAE, and held at Dubai International Trade Centre, 12 - 16 Feb. 1989 (15). (Attendance).
- 17) "WHO/Dandia regional training course on surveillance and protection of drinking water quality in rural areas", organized by the WHO, Ministry of Health (Sudan), held at Welcome Laboratory (National Chemical Laboratory), Khartoum, 28 Nov. - 9 Dec. 1987. (Attendance).
- 18) "Third Arab structural engineering conference", organized by the Faculty of Engineering (UAE University), held at Al-Ain Intercontinental Hotel, 6 -8 March 1989. (Attendance).
- 19) "Seminar on corrosion and its control on reinforced concrete structures", organized by Sir Alexander Gibb, and the Ministry of Works (UAE), held at Abu-Dhabi Intercontinental Hotel, 1 April 1989. (Attendance).
- 20) "Gulf education and training conference", organized by International Conference and Exhibition Ltd. (UK), held at Dubai World Trade Centre, 10 Jan. 1990. (Attendance).
- 21) "Everdure Caltite system to enhance the durability of concrete structures in Gulf region", organized by UAE Society of Engineers, held at Dubai, Al-Garhood Centre, 7 Feb. 1990. (Attendance).
- 22) "Seminar on the cathodic protection of reinforced concrete structures", organized by UAE Society of Engineers, held at Dubai, Al-Garhood Centre, 14 Feb. 1990. (Attendance).



- 23) A lecture on "A general appraisal of the current global status of the environment, following the Earth Summit 1992" delivered by Dr. Martin Holdgate, Director-general IUCN the World Conservation Union, held at the Conference Hall at Sultan Qaboos University, Wednesday, 30 September 1992, invited by the Ministry of Regional Municipalities and Environment and Sultan Qaboos University. (Attendance).
- 24) The International Seminar of the National Conservation Strategy for Oman, from 6-9 December 1992, Muscat, organized by the Ministry of Regional Municipalities and Environment, was held at Sultan Qaboos University. (Attendance).
- 25) Seminar on "The Effects of Sewage Discharge on Water Quality and Reef Corals in Kanoeho Bay, Hawaii" by Dr. S.L. Coles, organized by the Department of Fisheries Science and Technology within their Educational Seminar Series, held at the College of Agriculture Room 2019, Sultan Qaboos University, on 20 November 1993. (Attendance).
- 26) Seminar on "Developments in Engineering Education" delivered by Prof. P.B/ Morice of Southampton University, initiated by the College of Engineering, held at Room D18, Sultan Qaboos University, on Monday 22 November 1993. (Attendance).
- 27) Seminar on M.Sc. Environmental Sciences Program, Tuesday 15 February 1994, Organized by the College of Science, Sultan Qaboos University, held at LT1, SQU, Muscat, Sultanate of Oman (Attendance).
- 28) Visual communication series of development workshops, organized by the College of Engineering, Civil Engineering Department and Centre for Educational Technology, Sultan Qaboos University, Muscat, Oman, Conference room 2069 College of Engineering, (conducted by Philip Price) covering the following topics:
 - Oral presentation: Designing overhead transparencies, Mon. 4 April 1994 (Attendance).
 - Visual communications: Form and format for slides and overhead transparencies, Mon. 11 April 1994, (Attendance).
 - Video in the classroom, Mon. 25 April 1994, (Attendance).
- 29) "Environmental Seminar" organized by the Science and Technology Equipment (Oman) LLC. in collaboration with ELE International Limited, the UK held at the Gulf Hotel, Muscat, Sultanate of Oman, 17th April 1994 (Attendance).
- 30) Engineering and Technical Innovations in the Living Organism. A Lecture was delivered by Prof. Ahmed Abdel-Rahman AlAgib on the 28th of June 1995. Organized by the Science Administration of the Student Union, Khartoum University, Sudan. Held at AlShiek Hassan Bilail Hall.
- 31) Course on Hadeeth Sciences. College of Education, Sultan Qaboos University, Muscat, Sultanate of Oman. Instructor Dr. Al-Tahir Al-Dirdiry. September to December 1995.
- 32) Workshop on the use of saline, brackish, and treated sewage effluent water in irrigated agriculture. Sponsored by the Ministry of Agriculture and Fisheries and ACSAD of the Arab Countries at Damascus. Held at the Holiday Inn, 17 to 19 December 1995, Muscat, and The Sultanate of Oman. (Attendance).
- 33) Second scientific conference, National Research Centre, Friendship Hall, Khartoum, 21 to 24th January 1995 (Attendance)
- 34) Seminar on irrigation problems in irrigated areas, Friendship Hall, Khartoum, organized by the Ministry of Irrigation and Water Resources, held on 17th June 1997 (Attendance)
- 35) Seminar on the environment, water and sanitation in the capital with emphasis on industrial areas", B.M. ElHassan, organized by the Sudan Engineering Society and UNESCO, 19th August 1997 (Attendance)
- 36) Seminar on updating scientific research, College of Education Hall, SUST, 23 September 1997, organized by SUST and National Scientific Research (Preparing and administrating the seminar) (Attendance)
- 37) Seminar on the role of the College of Physical Education in society, organized by the named college, Open Theatre, South wing, St. 61, 13 September 1997.
- 38) Seminar on the role of scientific research in peace, organized by the National Research Council, Friendship Hall 15th September 1997.
- 39) Seminar on the future of mining in Sudan, organized by Sudan Engineering Society, Dar AlMuhandis 23 September 1997, Mohammed Aukasha
- 40) Lecture on challenges of higher education in developing countries, delivered by Pro. Dr. Harry Miller, President American University on Cairo, Friendship Hall, Khartoum 22 October 1997
- 41) Seminar on Writing and Publishing, Al Shafeed Hall, Al Magran family Pork, 19 Nov. 1997, Sudan University press and Publishes and distributing house, Khartoum, Jan. 1998
- 42) Seminar on the development of university environment, organized by the Education and directive labors union, Ministry of Higher Education and Scientific Research, Friendship Hall, Khartoum, Sudan, 22 to 24 November 1997 (Attendance and initiator of discussion)
- 43) Arabian Training Workshop in modern training methods, held during the period 2 to 7th December 1997, Meeting Hall of the College of Technology and Human Development, Khartoum, organized by SUST in



- collaboration with Arabian Union for Technical Education (Organizer and attendance)
- 44) Workshop on updating elementary science teaching methods by use of modern technologies, SUST and UNESCO National Committee at Khartoum and Cairo, Khartoum, 8 - 11 December 1997 (Organization and participation).
 - 45) Seminar on university book Taseel and Islamization Organized by Ministry of Higher Education and Scientific research, Juba University, AlMoutamar AlWatani, Sudan University for Science and Technology, held on 28th Feb. 1998 at College of Technology and Human Development, SUST (Organization)
 - 46) Seminar of National WIPO on copyright and neighboring rights, Publishing Council for Arts and Technicalities, Ministry of Culture and information, organized by WIPO, Friendship Hall, Khartoum, 1 to 3rd March 1998 (Attendance)
 - 47) Seminar on Afro-Arab link along the sides of the desert, International Iman Scientific Centre and International Islamic Dawa Society Office, Friendship Hall, 10 to 11 March 1998 (Attendance)
 - 48) Seminar on University book: Problems and solutions, organized by the Ministry of Higher Education and Scientific Research and held at the Green Hall of the National Assembly, 6 August 1998
 - 49) Seminar on coordination of efforts of knowledge Taseel and Islamization organized by Ministry Higher Education and Implementation of Islamic Shariaa Support fund Al Shuhada Hall, the University of Holly Green and Islamic Sciences, 6 - 7 May 1998, Omdurman
 - 50) Seminar on Education, the 7th Meeting, Main Hall, College of Education, Wadi Alnil University, Attbra, 14 to 16th July 1998
 - 51) Seminar on problems of distributing local and foreign printed materials, Printing and Press National Council in coordination with the Culture and Broadcasting Committee of National Assembly, Omdurman, 27th July 1998
 - 52) Seminar on teaching the Arabic language, 23 to 25th November 1998, AlSariqa Hall, Arabic Language Centre, Khartoum
 - 53) Seminar in Qualifying and Training in universities, organized by MHE and SCR, Green Hall and Notional Assembly, Omdurman, 17 Sept. 1998
 - 54) Seminar on the Role of Scientific research in development, organized by MHE, held at the Green Hall of the National Assembly on 15th Oct. 1998 (organization and participation).
 - 55) Workshop for setting a Sudanese drinking water standard, 20 - 22 February 1999, organized by the Federal Ministry of Health and Sudanese Cooperation for Standards and Measurements, and WHO, Police Club, Khartoum (Attendance).
 - 56) International water day, Arab Agricultural Organization, 22 March 1999, Khartoum (Participation).
 - 57) Seminar on network informatics, Sudatel, AlZubair Mohammed Salih International conference center, 13 Sept. 1999.
 - 58) Workshop on greenhouse gases mitigation analysis, Agricultural Bank, Khartoum, 19 - 23 Sept. 1999
 - 59) A national forum for information and telecommunication infrastructure, Ministry of Finance and National Economy in collaboration with SUST and UNESCO, 19 October 1999.
 - 60) Series of seminars on globalization, organized by the Ministry of Higher Education and Scientific research gardens, April - May 1999, 2000 (Organization and participation).
 - 61) Workshop on Sudan national water policy, Ministry of Irrigation and Water Resources in collaboration with FAO and UNDP, AlZubair Mohammed Salih International conference center, 17 - 18 Jan. 2000, Khartoum.
 - 62) Workshop on environmental analysis and management Nile basin initiative, Ministry of Environment and Tourism, Higher Council for Environment and Natural Resources in collaboration with Ministry of Irrigation and Water Resources, AlZubair Mohammed Salih International conference center, 8 Feb. 2000.
 - 63) WIPO national seminar on patents and the patent cooperation treaty, PCI, the World Intellectual Property Organization in collaboration with the Ministry of Justice, AlZubair Mohammed Salih International conference center, 3 April 2000.
 - 64) Workshop on Mathematics curriculum at secondary schools and requirements of higher education, Ministry of Higher Education and Scientific research in collaboration with the Ministry of education, AlZubair Mohammed Salih International conference center, 5 Sept. 2000
 - 65) The third conference on Arab Student Innovative Activity, Arabic Council for Training Arabic University Students in collaboration with Student Deanship of the University of Khartoum, AlSharga Conference Hall, Khartoum, 23 - 25 Oct. 2000.
 - 66) Workshop on connecting market requirements with vocational education output, meeting hall, Sudanese Business Union, Khartoum, 10 June 2000
 - 67) The first workshop on the implementation of a national strategy for building informatics in the industry in



- Sudan, Strategic Studies Centre, 26-27 December 2001.
- 68) National workshop on technical and vocational education, ElZubair Mohammed Salih Conference Centre, 4-5 March 2002, UNESCO National Committee in coordination with UNESCO.
 - 69) Seminar on the improvement of printing and press, Ministry of Culture and Tourism in collaboration with Printing, Publishing and Distributing Chamber, Meeting Hall Sudanese Business Union, 16-17 March 2002.
 - 70) Ninth, Education Seminar, Bakht-Al-Ruda, 24-26 April 2002.
 - 71) Seminar on leadership and change, 30 April - 1 May 2002, SRFAC, SUST, in collaboration with the Ministry of Works and Management Reform.
 - 72) ICDL course on computer fundamentals for leaders in higher education, 4 May – 4 June 2002, SUST, Computer Centre in coordination with the Ministry of Higher Education and Scientific Research.
 - 73) Workshop for directors of general education, BakhtAlRuda 20 - 21 September 2000.
 - 74) Brainstorming meeting about improving Sudanese strategy for scientific research and the role of universities in it, Ministry of Sciences and Technology, Al Zubair Mohammed Salih International Conference Centre, 19 August 2002.
 - 75) Workshop on future of scientific research in the field of water, UNESCO Chair for Water Resources in collaboration with Ministry of Science and Technology, ALZubair Mohammed Salih International Conference Centre, Khartoum, Monday 9 Sept. 2002
 - 76) Drinking water conference: Risks and solutions, National Water Cooperation, and UNESCO Chair for Water Resources, Arab Agricultural Development Cooperation, Khartoum, Alamarat Street 7, 21-22 Oct. 2002.
 - 77) Electronic trade workshop, Secretary of Information, Research and Training at the General Union of the Businessmen and the National Centre of Information, 2 – 4 Nov. 2002, Conferences Hall, Businessmen Union.
 - 78) Promotion conference, organized by National Project for Graduate Self-employed of Ministry of Welfare and Social Development in collaboration with psychiatric Sudanese Society, ElZubair Mohammed Salih Conference Hall, 29 to 30 Sept. 2004 (Chairman of session: industrial psychiatric science).
 - 79) Workshop on "role of women in water management and technology, UNESCO Chair for Women, Science and Technology) Member steering committee 12 Aug. 2004)
 - 80) 5th seminar on responsible personnel of Arabization in the Arab World, 28 to 30 Nov. 2004, Higher Commission for Arabicization in collaboration with National Committee for UNESCO, Friendship Hall, Khartoum.
 - 81) Regional refresher seminar on solid waste management and engineering, UNESCO-IHE, Institute for Water Education, Delft in collaboration with Network for Water and Sanitation International, Nairobi, held in Mombasa, Kenya, Plaza Beach, North Coast, 16 to 22 Oct. 2005.
 - 82) Education and sustainable development in the Arab World, 3rd Arabic Congress on education, Beirut, 24 to 26 April 2006, Fennisia Intercontinental Hotel, organized by Arab Thought Foundation, Box 524-11, Lebanon, www.arabthought.org, info@arabthought.org.
 - 83) GWP Eastern Africa, Regional capacity-building workshop: results-based management reporting, 29 – 31 March 2006, Imperial Resort Beach Hotel, Entebbe, Uganda.
 - 84) 39th meeting of Arab Universities Union, 3 – 5 April 2006, Algeria.
 - 85) Workshop on development of college cohort, College of Engineering Sciences, Omdurman Islamic University, Hamid Ahmed Elhaj conference hall, 10 May 2006.
 - 86) Human development and its role in solving population problems, Algeria University, 3 to 6 April 2006, Algeria.
 - 87) Workshop on technology and policies, Seoul, Korea, 16 August – 3 Sept. 2006.
 - 88) Conference on planning Daily work, SAS conference hall, 17 May 2006, Presented by Dr. Hassan Abbas Hassan.
 - 89) Steering Committee meeting, Regional Water Partnership, Nairobi, Silverspring Hotel, Nairobi, 19-21 March 2005.
 - 90) Workshop on fundraising, La Mada hotel, organized by GWP, Mombasa, Kenya, 25 September – 2 October 2005.
 - 91) Steering Committee meeting, RWP Eastern Africa, Imperial Resort Beach Hotel, 20 – 21 February 2006, Entebbe, Uganda.
 - 92) Steering Committee meeting, RWP Eastern Africa, Hilton Hotel, Nairobi, Kenya, 22 – 24 February 2007.
 - 93) Workshop on management of reports-based-on-results, GWP Eastern Africa, Imperial Resort Beach Hotel, Entebbe, Uganda, 29 – 31 March 2006.
 - 94) 2nd Annual Forum on Science and Technology in the Society, 10 – 13 September 2005, Tabaragaike Prince



- Hotel, Kyoto, Japan.
- 95) 3rd Arabic Forum on Education, Education and sustainable development in the Arab world, 24 – 26 April 2006, Beirut, organized by Islamic World Universities Association, Arab Universities Association, Arab College of education in the Gulf states, UNSECO regional office at Beirut, ISESCO, ALESCO, and Arabic Thought Organization at Marriott hotel.
 - 96) Workshop on Malaysian experience in training and licensing skilled employment and technology, National Research Centre conference hall, Tues. July 2006, organized by the Sudan Atomic Energy Commission in collaboration with Engineering and Technological Studies Centre, Khartoum.
 - 97) Workshop on technical and ethical guidelines for conducting health research, Research Department, General management for planning and health development, Ministry of Health, Sudan and WHO, Continuous Training Conference hall, Khartoum, 18 March 2007.
 - 98) Dialogue on water and MDGs, organized by Sudan Academy for Sciences and Water Technology Society, 21st June 2007, National Centre for Research Conference Hall.
 - 99) Nile Basin Development Forum, Khartoum, 16 – 17 Jan. 2008, Ministry of Irrigation and Water Resources, Peace, development, and environment in the Nile (attendance).
 - 100) AfricaSan 2008, 2nd Conference on Sanitation and Hygiene, Inkosi Albert Luthuli International Convention Centre, 18 – 20 February 2008, Durban, South Africa (Attendance as a representative of Global Water Partnership Eastern Africa Steering Committee).
 - 101) Role of school syllabi in raising traffic awareness, Syllabi and Educational Research Centre and Dept. of Raising traffic awareness, Traffic Police Conference Hall, Khartoum, 26 March 2008.
 - 102) Global Water Partnership Eastern Africa meeting, 10 – 14 April 2008, Safari Park Hotel, Nairobi, Kenya.
 - 103) Workshop on “Improvement of procedures for procurements of goods and services, Khartoum, 5 August 2008, organized by Sudanese Engineering and Architecture Consultancy Association and Sudanese Contractors Association. Held at AlSalam Rotana Hotel, Khartoum.
 - 104) Consulting Partners meeting, Global Water Partnership, Stockholm, Sweden, 13 – 19 August 2008 (Chair GWP Eastern Water Partnership, and chair of the session on “What is the role of TEC at global, regional and country level and how does it work together and attendance?”)
 - 105) Saudi Engineering Association Forum, Sheraton Hotel, Dammam November 2008, (Attendance).
 - 106) Meeting with ARAMCO representatives in a workshop sponsored by College of Engineering, Al-Hasa, King Faisal University, Place: KING Faisal University, Dammam, December 2008 (Attendance)
 - 107) KFUPM technical visit to strengthen relationships and to develop ways to cooperate with the surrounding universities in the region, KFUPM campus, March 1st, 2009 (Attendance).
 - 108) The fourth e-Service Symposium in The Eastern Province, chamber of commerce, Dammam, Saudi Arabia, March 9-11, 2009 (Attendance).
 - 109) Building and Construction Equipments Exhibition, Dhahran Exhibition in Khobar, Saudi Arabia, March 10th, 2009 (Visiting).
 - 110) Workshop on compiled engineering thinking in course curricula, a Creativity development program for teaching staff in Saudi universities, AlAwwal Centre for Educational Consultancies, Research and Consultancy Services, Allmam Mohammed bin Saud University, Meridian Hotel, AlKhubar, 14 – 17 March 2009 (Attendance).
 - 111) The second symposium for the research of Water Studies Centre, 22 March 2009, 25 Rabee AlAwwal 1430, Jawatha hall, King Faisal University, AlHassa, Saudi Arabia (Attendance).
 - 112) Second Saudi Ebgibeering Forum, The engineering profession and its role in sustaining the Kingdom’s development, King Fahad University of Petroleum and Minerals, Dhahran, 29 March 2009 (attendance).
 - 113) Skip Fletcher, The role of engineering education in technological development, King Faisal University, College of Architecture and Planning, Bld. 799, lecture hall 1, Organized by Scientific lectures committee, Tuesday 31 March 2009 G,
 - 114) Meeting with Arabian Cities Organization Prize, Festivals Hall, Eastern Province Estate, Dammam, Saudi Arabia, Sat. 11 April 2009.
 - 115) Workshop on the use of Infotrac OneFile electronic database, Eduteck Arabia Co., Library Deanship, Dammam, Library meeting hall, Rakah, 14 April 2009.
 - 116) Leco seminar about analytical instrumentation (organic and inorganic), spectrometers, and metallographic products. Organized by NAIZAK Global Engineering Systems in collaboration with LECO. Conducted by the product specialist Michael Jacob, Carlton Al Moaibed Hotel, AlHasa conference hall, AlKhubar, Saudi Arabia, 28 April 2009 labsystems@naizak.com, (Attendance).
 - 117) Robert H. Grubbs, Nobel Laureate Lecture, One road to Nobel prize, King Fahd University of Petroleum and



- Minerals, Monday, May 4, 2009. Conference Centre Building 20, KFUPM, Dhahran.
- 118) Meeting to prepare coordination meeting and workshop with Saudi ARAMCO, organized by Cultural Relationships Administration of King Faisal University, Al-Hassa, 19 May 2009, room 1045 administration building.
 - 119) Saudi Aramco and King Faisal University Collaboration implementation kickoff meeting, 2nd workshop, Tuesday 23 Jumada II, 1430 H, 16 June 2009, Holiday Inn, Al-Khobar, Saudi Arabia (participation and academic studies program group leader).
 - 120) Workshop on “The right to live in a clean environment”. Convened by DR. Abdul Rahman Salih Hariri and prepared by Safwat Gunaid Bagunaid, Fatima Faris & Ablah Bukhari. Organized by the National Human Rights Society. Holiday Inn, AlKhubar, Saudi Arabia, Tuesday 6 October 2009 – 17 Shawal 1430H.
 - 121) Meeting on the unification of efforts among national water research organizations, organized by Saline water desalination research institute, Saline Water Conversion Corporation, AlJubail, Saudi Arabia, www.swdri.com, held on Monday 30/10/1430H – 9/10/2009 (Attendance).
 - 122) National workshop for centers of research excellence (CoRE), on Tuesday 1/11/1430 H – 20 October 2009, organized by King Fahd University of Petroleum & Minerals, Building 20, KFUPM, Dhahran, Saudi Arabia, cent@kfupm.edu.sa (Attendance).
 - 123) Lecture on “indoor environmental pollution” delivered by Dr. Mahmoud Fathy El-Sharkawy, organized by the Scientific Lectures Committee of the College of Architecture & Planning, Lecture hall no. 1, KFU, Saudi Arabia, 2/11/1430 H – 21/10/2009.
 - 124) SAOG 2009, The second Saudi Arabian International Oil and Gas Exhibition and Conference, Dammam, 1-3 November 2009, www.saoge.org, Dhahran International Exhibition Company, dhahranexpo@saoge.org, (Visitor).
 - 125) Seminar on “Nano analytics: view into the nanoworld”, presented by Dr. Lenz Joerg, and “New developments in thin-film growth and MBE” presented by Dr. Jorg Seifritz, Naizak Global Engineering Systems in collaboration with Omicron of Germany, Holiday Inn – Cornich – Khobar – Saudi Arabia, 16th November 2009 (Attendance).
 - 126) Judges workshop for judging students outreach project, Mawhiba 4th Fair on Science and Engineering, the School year 2009 – 2010, King Abdulaziz and his Companions Foundation for Giftedness and Creativity, Almnarah Schools Khubar, Wednesday 30 December 22009 (Attendance).
 - 127) Judging students outreach project, Mawhiba The fourth Science and Engineering Fair, the School year 2009 – 2010, King Abdulaziz and his Companions Foundation for Giftedness and Creativity, Almnarah Schools Khubar, Thursday 31 December 22009, www.mawhiba.org.sa (Judge).
 - 128) Architecture day one, Architecture: Education and practice, College of Architecture and Planning, Dammam University, 19-20/1/1431H – 5-6/1/2010 (Attendance).
 - 129) Second water desalination research workshop, Thuwal, King Abdullah University of Science and Technology (KAUST), Water Desalination and Reuse Research Center, Jeddah, Saudi Arabia, 12-13 January 2010 (Participation).
 - 130) Saudi 12th International Fair for Building and Construction, AlDhnan International Fairs Centre, 6-10 March 2010 (Visit).
 - 131) Environmental engineering curriculum development workshop, organized by the College of Engineering University of Dammam KSA, 9 March 2010, Holiday Inn, Al-Khubar – www.holidayinn.com -, KSA (Attendance & steering committee membership).
 - 132) Fifth forum on Geographical Information System in Saudi Arabia, 12-14/5/1431H – 26-28/5/2010, Meridian Hotel, AlKhobar (Attendance).
 - 133) Second building technology day (Smart buildings), College of Architecture and Planning, 22-23 May 2010, Dammam University, Saudi Arabia.
 - 134) Evaluation and benchmarking workshop 2, SPEAKER: DR. KRISTINA McRae. The Gassan chair for quality and planning, University of Dammam, 25-27 May 2010, Main Campus, Conference Hall Building 10, Dammam, Saudi Arabia (Attendance).
 - 135) World environmental day workshop 2010, under the motto “diverse species, one planet, one future), Eastern province, Sat. 22 Jumada Akhira 1431H – 5 June 2010, www.dammam.gov.sa (Attendance).
 - 136) SFPE-SAC Fire science and technology conference and exhibition at Seef Hall, Al-Khobar on October 19 – 20, 2010, Saudi Arabia.
 - 137) The First Built Environment Symposium – Real estate development and sustainable housing, 25 – 27 October 2010 organized by College of Architecture and Planning University of Dammam and Ashrqia Chamber, Dammam, www.chamber.org.sa/bedsym.



- 138) British sustainable construction and education seminar mission to Saudi Arabia, 22/2/1432H – 25 January 2011, Conference hall, Building 11, Dammam university (Attendance).
- 139) The best practices for doing high-quality research, delivered by Prof. David Warburton and Dr. Richard A. Litman, Organized by Deanship of Scientific Research, University of Dammam, Monday 21/2/2011, conference hall, building 11 (Attendance).
- 140) E-learning week, Deanship of e-learning and distance learning, University of Dammam, Saudi Arabia, 26-29 March 2011 (Attendance).
- 141) Ecology in literature and language, Department of English language symposium II, College of Arts, University of Dammam, Saudi Arabia, 29 Rabi'II – 1 Jumada I 1432H – 3 -5 April 2011, Building 11, Conference hall (Attendance).
- 142) Lecturing skills workshop, University of Dammam, Saudi Arabia, 2 Jumada I 1432H – 6 April 2011, Building 11, Conference hall (Attendance).
- 143) College and NCAAA meeting, Course evaluation survey: closing the loop, organized by Dean College of Engineering, University of Dammam, Building 900, Room 925, 6 March 2011 – 1/4/1432H (Attendance).
- 144) Library Campaign from Science Direct, Scopus, IEEE, EBSCO Databases, Gale, Sage, ISI Web of Science, MD Consult, Nursing Consult, Nursing Skills, and ProQuest. Organized by the Deanship of Library Affairs. 9th and 11th October 2011. Main Campus: Building No.11, conference hall (Attendance).
- 145) Advancing technology for humanities, IEEE training day managing your exploration, and content directions at the IEEE, at Khobar, organized by Arabian Advanced Systems, conveyed by George Plosker, Client services manager, Le Meridien Hotel, Sunday 16 October 2011 (Attendance).
- 146) 6th meeting for unifying research efforts in desalination, 29 October 2011. Organized by the University of Dammam & Saline Water Conversion Corporation, Building 11, Conference Hall (Attendance).
- 147) National Scientific Company (NSC) in cooperation with Bruker Corporation Ltd. Technical seminar on Applications and new Technologies of GC and GC MS and their diversified use in the field of Petroleum, Petrochemical, Environmental, and Food Industries Organized by National Scientific Co. Ltd., NSC, Dammam 31421 Box 586 KSA, dammamoffice@nsc-ksa.com. Held at Sofitel Hotel (Paris hall), Al Khobar Cornich on Sunday 11th of December 2011. Presented by Bruker Product Specialists: Dr. Tabisam Khan (Regional General Manager, Bruker CAD/CAM Middle East), Dr. James Pachlhofer (Global Business Manager for GC products), and Dr. Kefei Wang (Product Manager for GC-MS. (Attendance).
- 148) University of Dammam seminar on using rankings positively, by Dr. Kevin Downing Chief consultant QS World University ranking, held at Conference Hall, Building 11, on 12 December 2011. (Attendance).
- 149) Lecture on Summon Web-scale discovery solution, organized by Deanship of Library Affairs. Monday 19th December 2011. Venue: Building 900 Studio. Dammam University, KSA (Attendance).
- 150) Biomedical engineering history, current, and future trends. A lecture offered by John G. Webster, Dept. of Biomedical Engineering, University of Wisconsin, Madison W1 53706 USA, Webster@engr.wisc.edu. Organized by Dept. of biomedical engineering, College of Engineering. On Sunday 1 January 2012, Building 900 Conference hall, University of Dammam, KSA. (Attendance).
- 151) Workshop on: Academic & professional accreditation for college of engineering". Mandatory academic versus voluntary professional accreditation by Prof. Lade' Wosorno directory quality unit. Optimal global solutions by Dr. Saud ben Khudair CEO, www.ogsis.com. Dammam University Main building, on Wednesday 4 January 2012 (Attendance).
- 152) Prof. Ahmed Hasan, Benefits & hazards of radioactive sources; the life cycle of radiation sources (Application of radiation sources in medicine, research & industry. Radiation accidents around the world & lessons learned), Organized by Office of Collaborating & Knowledge Exchange, University of Dammam, Bld. 11, Conference Theatre, Monday, March 5, 2012. (Attendance).
- 153) World Water Day 2012, Organized by Dept. of Environmental Eng., College of Eng., Dammam University, Building 10, Conference Hall, 20 March 2012 (Presentation jointly with Dr. ElSayed, E. S. M.).
- 154) Sustainability of concrete structures Symposium, Organized by the Construction engineering dept., College of Engineering of Dammam University, KSA, Building no. 11, Conference hall, Jumada I 10th, 1433H – April 2nd, 2012 (Attendance).
- 155) Dr. Saeed AlAfandi, Role of faculty in promoting values, general lecture organized by promoting values project of the Islamic studies dept. in coordination with the Students affairs deanship & Guidance and counseling center of Dammam University, KSA, Conferences building no. 11, Monday 9 April 2012 (Attendance).
- 156) Lecture on sustainable concrete: research and applications, Dr. E.A.B. Koenders, organized by College of Engineering, Construction Eng. Dept., University of Dammam, Bld. 900, conference room, Sunday 22 April



- 2012 (Attendance).
- 157) Lecture on sustainable concrete: research and applications, Dr. E.A.B. Koenders, organized by College of Engineering, Construction Eng. Dept., University of Dammam, Bld. 900, conference room, Sunday 22 April 2012 (Attendance).
 - 158) Samsung meeting for coordination with the college of engineering, Samsung Engineering, Samsung Saudi Arabia Co. Ltd., Samsung Naffora Techno Valley, 8th-floor Engineering Centre Building, Tareeq 100/245, Jubail Industrial City, KSA, 6 May 2012 (Attendance).
 - 159) Coordination Meeting with Arab Academy for Science, Technology & Maritime Transport with the college of engineering, building 900, 9 May 2012 (Attendance).
 - 160) Seminar on HPLC-MS systems, organized by NAIZAK and THERMO Scientific, Hotel Sofitel, AlKhoar Corniche, Monday 17th Sept. 2012, www.naizak.com, labsystems@naizak.com (Attendance).
 - 161) Seminar on accelerating your discovery: put your research ahead of the curve, experience SciVerse – the new platform for ScienceDirect and Scopus users, held on Sunday 7 Oct. 2012, organized by Deanship of Library Affairs, University of Dammam, Building 11, main hall, Dammam University, KSA (Attendance).
 - 162) A vote of thanks to summer training companies, held on Monday 15 October 2012, organized by the college of engineering, conference hall, building 11, Dammam University, KSA (Attendance).
 - 163) Collaboration in the protection of water supply, held on Monday 18 March 2013, organized by Environmental Engineering Dept., College of Engineering, University of Dammam, conference hall, building 11, Dammam University, KSA (Attendance).
 - 164) Green buildings and their effects on the environment, Society of Sudanese Engineers KSA, Conference hall, Ramada Gulf, Al King Abdullah St. cross King Abdul Aziz St., Khobar, KSA, www.ramadagulf.com, Thursday 11 April 2013 – 1/6/1434H (Attendance).
 - 165) Abdul-Rahman ben Salih Hariri, A. S., and Abdel-Magid, I.M., Food waste: Reduce, reuse, recycle, re-think, World Environment Day Symposium, Organized by Royal Commission for Jubail and Yanbu Jubail Industrial City – 5 June 2013 (Speaker).
 - 166) King, M. and Webster, B., Higher order thinking skills, Workshop on higher education, Deanship of University Development, Nov. 18-21, 2013, <https://www.surveymonkey.com/s/GQQ7DLC> (Attendance).
 - 167) Ahmed Kabaha, Communication Skills in the Curriculum based on NCAA's Standards, organized by Deanship of Academic Development represented by Academic Development Agency, held at College of Engineering, UoD, Room 840, Monday 28 Oct. 2013 - 23/12/1434H (Attendance).
 - 168) Ismail Elmahdi, Students' Engagement &, Interactive Teaching, organized by Deanship of Academic Development represented by Academic Development Agency, held at College of Engineering, UoD, Room 840, Mon. 11 Nov. 2013 – 9/1/1435H (Attendance).
 - 169) 7th Symposium and Exhibition on Environmental Progress in the Petroleum & Petrochemical Industry, "PetroEnvironment" Conference, Initiated by the Environmental Technology & Management Association (ETMA), organized by BME GLOBAL LIMITED, 8 Tyers Gate, SE1 3HX London, United Kingdom, www.PetroEnvironment.com, held on 24 – 26 February 2014, at Seef Center, Al Khobar, Kingdom of Saudi Arabia (Attendance).
 - 170) Ahmed Kabaha, Learning Outcomes for Programs and Courses, organized by Deanship of Education Development represented by Academic Development Agency, held at College of Engineering, UoD, Room 841, Tuesday 1 March 2014 - 10/5/1435H (Attendance).
 - 171) Busing, W., Electron microscopy for nanotechnology & 3 D imaging of biological specimens by electron microscopy, Sunday 9 March 2014, venue bldg. 800 room 840, organized by Naizak & FEI in collaboration with the college of engineering university of Dammam (attendance)
 - 172) World Water Day 2014: Water and energy –local and international concern, Organized by Dept. of Environmental Eng., College of Eng., Dammam University, Building 10, Conference Auditorium, UoD main campus, Tuesday 18 March 2014 (Attendance).
 - 173) Abdel-Magid, I. M., Alsihami, I., Akbar, A and Alhameem, H., About procedure for publishing a scientific book, a symposium entitled "Promoting Scientific Publications", organized by Center of Scientific Publications, University of Dammam, Wednesday 1/7/1435 H 30/04/2014 from 8:30 a.m.-11:50 a.m., Lecture Hall in Prince Mohammed bin Fahd Reward Building (Delivery of presentation).
 - 174) Construction day: The second symposium on the sustainability of concrete structures, Organized by Dept. of construction Eng., College of Engineering, Conference Auditorium, Building 11 main campus, Tuesday 7/7/1435H-6/5/2014 (visitor, attendance)
 - 175) Current developments in research at the University of Dammam, organized by the Scientific Research Communication and Awareness Committee of the Deanship of Scientific Research, held at College of



- Engineering, UoD, Room 800A, Wednesday 7 May 2014 - 8/7/1435H (Attendance).
- 176) Mechanisms of updating strategic plan, held on Monday, 07 September 2014 - 12/11/1435H, Lecture held at Conference Hall, Building No. 11 of University of Dammam, Old Campus, organized by General, Deanship of Quality & Academic Accreditation of University of Dammam, P.O. Box 40065, Al-Khobar, SAUDI ARABIA 31952, qaa@ud.edu.sa; akuwaiti@ud.edu.sa; akuwaiti@yahoo.com (Attendance)
 - 177) Env Engg Program Accreditation Meeting, organized by Dean College of Engineering, held at Hall B on Sunday, 7th Dec. 2014 (Attendance)
 - 178) Annual students meeting with Dean and Academic Vice Dean, organized by Dean College of Engineering, held at Building 900, on Monday 8th Dec. 2014, Attendance and introducing speakers (Attendance)
 - 179) International Conference of Engineering, Information Technology, and Science, 2014 (ICEITS 2014), held at Infrastructure University Kuala Lumpur, Unipark Suria, Jalan Ikram-Uniten, 43000 Kajang, Selangor Darul Ehsan, Malaysia. Email: iicon2014@iukl.edu.my, (Presentation of papers and attendance) http://iicon2014.iukl.edu.my/iceits_papers.php#sthash.IZkwitMj.dpuf
 - 180) Dr. Abdulghani Al-Hattami, Analyzing and reading test results, lecture held at College of Engineering, Bld. 800, room 841C, organized by the Deanship of Education Development, on Tuesday 6th January 2015, 10:00 a.m. (Attendance)
 - 181) Scientific Publication Centre Visits to UoD colleges organized by Scientific Publication Centre, held on Tuesday 3 Feb. 2015 at Conference Hall, Building No. 11, University of Dammam, Old Campus, KSA (Presenter & conveyor)
 - 182) Water Arabia 2015 Conference and Exhibition dedicated to water conservation, organized by The Saudi Arabian Water Environment Association (SAWEA) and the Water Environment Federation (WEF), held at the Le- Meridien, Khobar, Saudi Arabia on February 17 to 19, 2015, <http://sawea.org/waterarabia2015/> (Attendance)
 - 183) Scientific Publication Centre Visits to UoD colleges organized by Scientific Publication Centre, held on Wednesday 18 Feb. 2015, at Building No. 510, University of Dammam, King Fahad Educational Hospital, University of Dammam, KSA (Presenter & conveyor)
 - 184) LexisNexis total patent training session, organized by the Deanship of library affairs, on Tuesday 3 March 2015 at College of Engineering, Bld. 800 room A, UoD, KSA (Attendance)
 - 185) Dr. Walid Hassan, research consultancy services manager at Thomson Reuter's workshop on "On the pathway for quality-assured research", organized by the vice presidency for postgraduate studies and scientific research along with the strategic partnership between the University of Dammam and Thomson Reuters, on 8th March 2015 – 17/5/1436H, at Prince Mohammed prize building conference hall (Attendance)
 - 186) World water day 2015: water and sustainable development symposium, organized by the Environmental Engineering Department of the College of Engineering University of Dammam, held at Le Meridian hotel, AlKhobar, KSA on Monday 16th March 2015-25 Jumada I, 1436 H (co-speaker)
 - 187) Dr. Muhammad Saleem (mssharif@uod.edu.sa), Introductory seminar detailing the process of making a Google Scholar profile and linking it to the UoD account, held on Sunday 29th March 2015 at 11:30 pm in Hall A, Organized by Vice-Deanship of Quality & Strategic Planning (Attendance)
 - 188) Dr. Ali Bawaneh, lecture on Enhancing learning through the use of technology, organized by Deanship of Academic Development, University of Dammam, Saudi Arabia, email: ded@ud.edu.sa, held on Tuesday 31 March 2015, at College of Engineering, Bld. 800, Room A (Attendance)
 - 189) First Annual Biomedical Engineering Day, New Trends in Biomedical Engineering Research, organized by the Biomedical Engineering Department of the College of Engineering, University of Dammam, held on Monday 20 April 2015, at the conference hall, building 11, Rakah campus, Dammam, KSA, Managing opening and first session, biomedical.uod@gmail.com; ahalomari@uod.edu.sa; (Attendance)
 - 190) The first national conference for a preparatory year in Saudi universities, organized by the deanship of the preparatory year of the university of Dammam, KSA, held on 22-23 April 2015 at Dammam Sheraton Hotel and Towers (Attendance)
 - 191) Workshop on lasting partnership for a sustainable environment, organized by Saudi Standards, Meteorology and Quality Organization (SASO), held on Wednesday 22 April 2015 – 3/7/1436H, at Sharqia Chamber, www.saso.gov.sa (Attendance)
 - 192) Workshop on "voluntary work" delivered by Omer Shameldin, at Sudanese Cultural Centre, Doha, Qatar, organized by Sudanese Hut (Guttia) at Qatar, on Saturday 7th August 2015 (Attendance).
 - 193) Dr. Mohammed AwadAllah, Director of Quality support unit, deanship of Quality and Academic Accreditation (DQAA), lecture held at the college of engineering Building 500 room # 502 @ 11:00 on Tuesday 10th of November 2015, on the significance and the process of course portfolio and UDQuest,



- (Attendance).
- 194) Lecture held at the college of engineering Building 500 room # 503 at 11:00 on Tuesday 10th November 2015 on “the significance and the process of course portfolio and UD, Organized by the Vice Dean for Quality & Strategic Planning at the College of Engineering in collaboration with deanship of Quality and Academic Accreditation (DQAA). (Attendance)
 - 195) Lecture in “Motivating Student & Learning”, held under the supervision of Dr. Philline DERANEY from DEANSHIP OF EDUCATION DEVELOPMENT, College of Engineering University of Dammam, Building 500, room 502, Tuesday 17th November 2015 at 10:30-12:30 (Attendance)
 - 196) Shehadah, R.; Al-Maghawry, S.R.; Abdelgader, E.M., and Laqmoush, M.Y., Training session from Saudi Digital Library on Ovid, Access Medicine, SciFinder, Almanhal Arabic Database and JStore, organized by Deanship of Library Affairs, held on Wednesday, November 18, 2015, 10:00 – 14:00, at Central Library auditorium venue on the auditorium venue on the 3rd floor, library@uod.edu.sa (Attendance)
 - 197) Adnan H. Nayfeh, ABET Workshop on accreditation process: how to qualify for ABET accreditation, organized by Vice Dean for Quality & Strategic Planning at College of Engineering in collaboration with deanship of Quality and Academic Accreditation (DQAA), held during the period 22-25 November 2015, at building 500 room 527 of College of Engineering at Rakah, AlKhobar, KSA. (Attendance)
 - 198) Hassan Balla Mohammed Alamin, from completely fit the bit, a general lecture, organized by the Sudanese Gathering, held at AlNaseem Hall, Dammam, KSA, Friday 11 December. (Attendance)
 - 199) Omer Osman Aga, course lecture learning outcomes student outcomes, CLOSO, software, College of Engineering, Bld. 500 room 506, held on Thursday 24 December 2015, Dammam, KSA (Attendance)
 - 200) Prof. Adnan Nayfeh, a workshop on “details of the process of ABET including a to k SLO and how to implement on particular CLO”, held during the period Monday to Thursday 4th – 7th January 2016, Bld. 500 room 507, organized by the Deanship for Quality & Strategic Planning, College of Engineering at UoD, KSA. (Attendance)
 - 201) First Engineering Students’ Conference in Shell Structures” held on Sunday the 10th of January 2016, in classroom conference hall 207, Faculty of Engineering, Southern Wing, Sudan University for Science & Technology, was initiated, planned, and organized by the course convener Eng. Taghried Isam Mohammed Abdel-Magid (Evaluator and attendance)
 - 202) Meeting with OBLON Office, held Thursday, 28th of Feb 2016, Grand Hall (Theater) in Building 900, organized by Scientific Research and Higher Studies Deanship, College of Engineering, Dammam University, KSA (Attendance)
 - 203) Dr. Marzoug Al-Batainah, lecture on “Questioning strategies and leading discussion in the classroom”, held Tuesday, 9th of Feb 2016, Room 502 in Building 500, organized by Deanship of Academic Development, Dammam University, KSA (Attendance)
 - 204) 8th symposium and exhibition on environmental progress in the petroleum and petrochemical industry, Petro environment 2016, 22-24 February 2016, Dharan international exhibitions center, Dammam, KSA (Attendance, delegate)
 - 205) Dr. Marzoq Bataineh, Lecture on “The pursuit of excellence in mentoring in higher education”, held under the supervision of the deanship of education development, University of Dammam, Place: Building 500, Room 502, Date: Tuesday 8th March.2016 (Attendance)
 - 206) Environment Fair in peoples' heritage festival, Royal Commission for Jubail, organized by Scitech in cooperation with Sipchem and the Department of Environmental Engineering, the University of Dammam under "our lives our environment.", 10-19 March 2016, Al-Jubail, and an exhibition booth held on 17-24 April 2016 Scitech Bldg. AlKhobar, KSA (heling in the organization, attendance)
 - 207) Nabeel Abulkareem Jarrah & Isam Mohammed Abdel-Magid, Water jobs for youth, digital native, digital wisdom, digital visitor & resident, PowerPoint presentation, organized by Environmental Engineering Dept. event inspired by the UN's World Water Day, 28 March 2016, Building 11, Rakah, University of Dammam, Dammam, KSA.
 - 208) Isam Mohammed Abdel-Magid, lecture on “Stepping strides along scientific research road”, organized by Scientific Research Unit, College of Eng., UoD, held on Tuesday, 12th April 2016, 11:00 – 11:45 am, Bld. 500, Hall 502 (Presenter) DOI: 10.13140/RG.2.1.3752.2323
 - 209) Dr. Houmoud AlGashan and Dr. Mussarah Tahir, Family relationships, SciTech, AlKhobar, Thursday 14th April 2016 (Attendance)
 - 210) Dr. Shamsudeen Abdullah Haladu, a presentation titled: Design and synthesis of a novel class of polymers and their applications in corrosion inhibition, scale control, and environmental remediation. organized by Scientific Research Unit, College of Eng., UoD, held Tuesday, April 19, 2016, 11:00 – 11:45 am, Bld. 500,



- Hall 502 (Attendance)
- 211) Workshop on “an overview of COMSOL Multiphysics Version 5.2 - its capabilities, new features, enhanced functionality, and revamped graphical user interface”, organized by Vice Deanship for Higher Studies and Scientific Research, College of Engineering, UoD, held on Tuesday, April 26, 2016, Room # 515, Building # 500; delivered by Mohammed Adel Ashour (m.ashour@elnadycompany.com) from Elnady Engineering & Agencies, 2Elgabal Elakhdar Buildings, Nasr City, 11471 Cairo, Egypt, Tel: +20 2 23425763; Mobile: +20 122421483; Fax: +20 2 23421793; E-mail: info@elnadycompany.com; URL: www.elnadycompany.com (Attendance)
 - 212) World day for safety and health at work symposium, “stress at the workplace a collective challenge”, Thursday 28 April 2016. Bldg. 11, main campus, UoD, organized by Family and Community Medicine Dept., College of Medicine (Attendance)
 - 213) Dr. Ahmed AlRabaa, Learning difficulties among university students, organized by university Counseling Center, Imam Abdulrahman AlFaisal University, College of Engineering, New Campus, Ground Floor, a theater hall, Tuesday 20 December 2016 (Attendance)
 - 214) Thomson Reuters representative, Establishing impact collaboration, organized by Vice Presidency for Graduate Studies and Scientific Research Imam Abdulrahman Bin Faisal University general supervisor strategic partnership IAU and Thomson Reuters, held at Bld. 11 main conference hall, on Monday 20 February 2017 (Attendance)
 - 215) Dr. Rania Abu-Baker, attract students with your PowerPoint, organized by the Deanship of Education Development of Imam Abdulrahman Bin Faisal University, held at College of Engineering, New Campus, Ground Floor, a theater hall, Tuesday 21 February 2017 (Attendance)
 - 216) Mr. Robert Celades Filella, Technical Sales Senior Executive (Technical Department (Nama Chemicals Group)), organized by Jubail Chemical Industries Company American Concrete Institute (Eastern Province) in association with M/s Nama Chemicals Group (Jubail, KSA), Technical Seminar on “Versatile Systems for Stabilising Sand, Gravel and Soil using Epoxy Technology”, held on Wednesday 22 February 2017-5 Jumada-I, 1438H, at Holiday Inn Hotel Al-Khobar. Along with the seminar, a technical update was given by Prof. Omar Saeed Baghabra Al-Amoudi, An Update on Saudi Building Code (Attendance)
 - 217) Resource persons: Dr. Shfiq Ur Rehman and Mr. Asif Ali Bao Muhammed, Workshop on Endnote Web” an online citation management tool for research, held on Wednesday 1 March 2017, Central Library Building A3, new campus lab # 321 organized by Information, Learning & Research Commons of Main Library at Imam Abdulrahman Bin Faisal University, (Attendance).
 - 218) Speakers: Thomson Reuters representatives, Workshop “Journal indexing methodology”, Part 1: Clarivate analytics journal selection process, Monday 8th May 2017, Main hall at Bld. 11, Organizer: Vice Presidency for Graduate Studies & Scientific Research, General supervisor, strategic partnership IAU & Thomson Reuters, Imam Abdulrahman Bin Faisal University, (Attendance).
 - 219) Dr. Philline Deraney, Workshop: “teaching your subject in English: making it understandable, Tuesday 9th May 2017, Venue: Conference theatre at the College of Engineering New Bld. 1st floor. Organized by the College of Engineering Conference Committee in collaboration with the Deanship of Education Development of IAU, (Attendance).
 - 220) Abdulgadir Mudawi, SWOT analysis, a workshop on the development of the strategic plan, organized by the College of Engineering Vice Deanship for Quality in collaboration with the Strategic Planning Unit of the Deanship of Quality and Academic Accreditation, Imam Abdulrahman Bin Faisal, held on Thursday 16th March 2017 at Conference Hall at the College of Engineering New Bld. 1st floor, (Attendance).
 - 221) Training Workshop on the exploration of IEEE Xplore digital library and EBSCOhost databases practice of browsing, searching, retrieving, using, personalization and alerts, etc., held on Monday 20 March 2017, Central Library Building A3, new campus lab # 321 organized by Information, Learning & Research Commons of Main Library at Imam Abdulrahman Bin Faisal University, (Attendance).
 - 222) Dr. Abdulgadir Mudawi Mohammed, Workshop risk management in higher education institutions, held on Tuesday 21st March 2017, Conference theatre at the College of Engineering New Bld. 1st floor. Organized by the College Conferences Committee in collaboration with the Strategic Planning Unit of the Deanship of Quality and Academic Accreditation, Imam Abdulrahman Bin Faisal, (Attendance).
 - 223) Abdulgadir Mudawi, SWOT analysis workshop on the development of a strategic plan for the Environmental Engineering Dept., organized by Environmental Engineering Dept., College of Engineering Vice Deanship for Quality in collaboration with Strategic Planning Unit of the Deanship of Quality and Academic Accreditation, Imam Abdulrahman Bin Faisal, held on Thursday 30th March 2017 at Conference Hall at the College of Engineering new Bld. 1st floor, (Attendance).



- 224) Eng. Hamid Yagoub Abdellah, Kaizen and success competitive key, 10th April 2017, Sudanese Engineers Association in the Eastern Region, AlDosary Hospital Conference Hall, AlKhobar, (Attendance).
- 225) Dr. Marzoq Bataineh, "21st Century Skills" lecture, organized by the College of Engineering Workshops committee, in collaboration with the Deanship of Education Development, Imam Abdulrahman Bin Faisal, held on Thursday 15th April 2017 at Conference Hall at the College of Engineering New Bld. 1st-floor "theatre hall", (Attendance).
- 226) A one-day symposium on construction & demolition waste (C&) management: Gaps & opportunities, organized by the College of Engineering in collaboration with the Saudi Arabian Section of the Air & Waste Management Association (ETMA), held on Tuesday 25th April 2017 at Conference Hall at the College of Engineering New Bld. 1st-floor "theatre hall", Imam Abdulrahman Bin Faisal, (Attendance).
- 227) Speakers: Mr. Abdulaziz Abunayyan, President Abdulaziz Saud Abunayyan Est, and Ms. Waad Abunayyan, Public relations manager and operation, "AWFR OKLIN composters: An onsite waste reduction solution", Thursday 4th May 2017, Organizer: Dr. Nawaf Isam Ahmed AlBilasi in collaboration with Deanship of Quality of College of Engineering, Imam Abdulrahman Bin Faisal University, (Attendance).
- 228) Facilitator: Dr. Philline Deraney, Workshop: "teaching your subject in English: making it understandable", Tuesday 9th May 2017, Conference theatre at the College of Engineering New Bld. 1st floor. Organized by the College of Engineering Conference Committee in collaboration with the Deanship of Education Development of IAU, (Attendance).
- 229) Facilitator: specialists from Deanship of E-Learning and Distance Learning, Workshop: "Basics of blackboard", Venue: Transportation Engineering Computer Laboratory at the College of Engineering New Bld. 2nd floor, Organizer: College of Engineering Conference Committee in collaboration with Deanship of E-Learning and Distance Learning of IAU, Sunday 11th June and 1 Tuesday 3th June 2017, (Attendance).
- 230) Prof. Baher Ali Kamal Al-Damanhour, university scientific council (SC) services and the new lists of approved journals for the academic promotion university, organized by Vice Deanship for Higher Studies and Scientific Research, College of Engineering, IAU, Venue: First Floor -Theater Hall, on Wednesday 27 September 2017, (Attendance).
- 231) Training session "Developing core competencies in teaching and learning for faculty members, organized by Deanship of Academic Development, Imam Abdulrahman Bin Faisal University, held at Deanship of Academic Development Bld., Main Theatre, on Monday-Tuesday (16-17 October 2017), (Attendance).
- 232) Postgraduate studies & scientific research vice president, Opel Foundation & Triangle Institute Partnerships, Basic procedures for obtaining a patent, Preparing and marketing research products, College of Engineering, IAU, Venue: First Floor - Theater Hall, on Wednesday 19 October 2017, (Attendance).
- 233) Director of the Alumni and Career Development Center, Alumni conference meeting, Center's future services and plans to enrich skills of university outputs of students and support the professional development of graduates to meet the requirements of the labor market, Monday 23 Oct. 2017 (3/2/1439H), Deanships Bldg. D3, First floor (Attendance).
- 234) Training session "Mentor Training session "Faculty mentorship certification program (FMCP)- Cohort 2", organized by Deanship of Academic Development, Imam Abdulrahman Bin Faisal University, held at Deanship of Academic Development Bld., Main Theatre, on Wednesday-Thursday (1-2 November 2017), (Attendance).
- 235) Lecture by Dr. Farooq Saed on "PEV visit and program evaluation process", College of Engineering, IAU, Venue: First Floor - Theater Hall, on Wednesday 22 November 2017, conference hall room (Attendance).
- 236) Annual Environmental Day Event, organized by Shedgum Gas Plant, Saudi Aramco Company, on Monday, November 27, 2017 (presented paper "Environmental Assessment of Utilizing Date Palm Ash as Amended Concrete" prepared by Dr. Nawaf Isam Ahmed Blaisi, niblaisi@iau.edu.sa).
- 237) Dr. Marzoq Bataineh, "21st Century Skills" lecture, organized by the College of Engineering Workshops committee, in collaboration with the Deanship of Education Development, Imam Abdulrahman Bin Faisal, held on Wednesday 29th November 2017 at Conference Hall at the College of Engineering New Bld. 1st-floor "theatre hall", (Attendance).
- 238) Mr. Larry Dysert, technical lecture on "Practical Estimate Review and Validation", organized by The Department of Civil & Construction Engineering & SCE-Project Management Chapter, held at Main Auditorium, College of Engineering, on Sunday, 3rd of December 2017, (Attendance).
- 239) Introduction to training programs on: (National Examination Board for Occupational Safety and Health NEBOSH - International General Certificate, IOSH Institution of Occupational Safety and Health & Occupational Safety and Health Administration OSHA), Althelim Group - Althelim Optimal Co. for Development & Investment - AlKhobar, organized by the Environmental Club, Tuesday 19th December



- 2017, College of Engineering, IAU, Venue: First Floor - conference hall room (Attendance).
- 240) Asif Ali Bao Mohammed, Using Mobile Devices for Searching Information, organized by Information, Learning & Research Commons (ILRC) of Deanship of Library Affairs, held on February 6, 2018, at Lab 321 on 2ND Floor, New Central Library (Bld. A3) (Attendance).
- 241) Dr. Marzooq Bataineh, lecture on Principles of Questions Writing, organized jointly by the Conference Committee of College of Engineering and Deanship of Education Development, Imam Abdulrahman Bin Faisal University, held at theatre hall of College of Engineering A13 First Floor, Tuesday 13 February 2018 (Attendance).
- 242) Intensive training program "Developing core competencies in teaching and learning for a faculty member, organized by Deanship of Academic Development, Imam Abdulrahman Bin Faisal University, held at Deanship of Academic Development Bld., Main theatre, on 5-6 and 9-10 Jamadi II 1439, In Arabic (Attendance).
- 243) Workshops on Scopus for Literature Searching and Research Impact, resource persons: Dr. Shafiq Ur Rehman, Asif Ali & Akira Jbeen, organized by Deanship of Library Affairs, Wednesday, March 7, 2018, venue: Central Library Bldg. A3, Lab 321 (Attendance).
- 244) Dr. Hisham I. M. Abdel-Magid, Public Seminar: Collaborative Work using Trello, Conference Hall at the College of Engineering Bldg. A13, 1st floor. Organized by Dept. of Environmental Engineering Conferences & Workshops Committee, Imam Abdulrahman Bin Faisal, Monday 12th March 2018 (Attendance).
- 245) Shakil, A., lecture entitled "engineering database (Knovel)", held under the supervision of "Elsevier representative in the kingdom" from DEANSHIP OF library Affairs, Imam Abdulrahman Bin Faisal University, at College of Engineering, Bld. A13 First Floor, theatre hall, on Tuesday 13.03.2018 at 10:00-12:00 a.m. (Attendance)
- 246) Dr. Ibraheem Al-Naib "(Lecture): Terahertz Technology - Current trends and Potential Future."; Dr. Walid Al-Kutti "(Lecture): Research profile of civil & construction engineering: concrete research group."; Conference Hall at the College of Engineering Bldg. A13, 1st floor. Organized by Dept. of Environmental Engineering Conferences & Workshops Committee, Imam Abdulrahman Bin Faisal; Tuesday 10 April 2018. (Attendance)
- 247) The E-LEARNING training session, Thursday 19 April 2018 from 8 to 10 a.m., e-learning deanship, Bld. A5, IAU (Attendance)
- 248) First Solar and Wind Energy Symposium and Exhibition on "Renewable Energy Education - A National Commitment", organized by Dept. of Mechanical & Energy Engineering, College of Engineering, IAU, 23-24 April 2018 (7-8 Shaban 1439H), Dammam, KSA (Organizer).
- 249) Mohammed Isam Mohammed Abdel-Magid and Isam Mohammed Abdel-Magid. Oil and Petrochemicals Environmental Challenges. A paper was presented at the GulfChem Symposium 2018, Le Méridien Hotel, Al Khobar, Saudi Arabia on 25 April 2018. Website: www.gulfchemists.org
- 250) Tarwyah workshop: towards the development of eco-friendly plastic bottle for sustainable drinking water solution, organized by Dept. of Environmental Eng., College of Engineering, IAU, 29 April 2018 (organizer – scientific committee)
- 251) Environmental Technology & Management Association (ETMA) Technical Dinner Meeting "Industrial Waste Recycling", organized by Haradh Gas Plant Dept., Wednesday, May 2, 2018, from 6:30 PM to 9:00 PM. at Le Meridien Al Khobar, 8560 Prince Faisal Bin Fahd Road, Al Khobar 34426, Saudi Arabia (Attendance).
- 252) College of Engineering closure ceremony, Conference Hall at the College of Engineering Bldg. A13, 1st floor, Imam Abdulrahman Bin Faisal; Tuesday 15 May 2018. (Attendance)
- 253) Isam Mohammed Abdel-Magid, under university shade and community shelter, PETRONAS top achievers' FY 2018, Multi-purpose conference hall, Nile Avenue, Khartoum, Sudan, Thursday 2 August 2018, <http://www.petronas.com> (Speaker).
- 254) Civil Engineering Students Society conference, Faculty of Engineering, University of Khartoum, Altorabi 2 Conference Hall, 11 August 2018. (Attendance)
- 255) Shakil Ahmad, Endnote desktop software training session (referencing software), 10:00 am to 12:00 pm Wednesday 3rd October 2018, at the central library, bldg A3, Lab 321, IAU. (Attendance)
- 256) Sustainable Energy Generation from Trash to Treasure, Clean Energy & Sustainability Forum, organized by the Saudi Electricity Company, 24 – 25 October 2018, Sheraton Hotel, Dammam, KSA <http://ces-forum.com> (Delegate)
- 257) Saudi Council of Engineers meeting, College of Engineering, Bld. A13, Conference hall, Monday 29/10/2018-12:00-13:00 (Attendance)



- 258) Dr. Marzouq Batawineh, Alternative assessment & effective methods: Performance assessment & portfolio workshop, organized by the center of assessment and Examination Quality, Deanship of Education Development, IAU, venue: College of Engineering, A13, First Floor "theatre hall", held on Tuesday 30.10.2018 at Time: 10:00-12:00 (Attendance)
- 259) The international open forum discussion, entitled: Best Practices in Finnish Education, organized by the Deanship of Academic Development, on Tuesday, 13 November 2018, Venue: The Building of Supporting Deanships (New Campus) Building D3, Time: 06:15 - 08:30 PM (Attendance)
- 260) Dr. Marzoq Bataineh, workshop: Preventing faculty burnout: recover the joy of teaching, organized by Academic and Professional Development Committee & Deanship of Education Development Imam Abdulrahman Bin Faisal University, Place: Faculty of Engineering (New Campus-google map available below), First Floor, Ibn Al-Haytham Auditorium (Auditorium 2), Date: Tuesday 26.02.2019 (Attendance)
- 261) The Scientific Conference of Sustainable Development in the Desert Regions, organized by Imam Abdulrahman Bin Faisal University with a strategic partnership with An-Nariyah district; during the period 22 to 24 January 2019 – 16-18 Jumadi Alola 1440H, Main conferences hall, university campus (presentation of a paper).
- 262) PETRO Environment 2019, 9th symposium on environmental progress in the petroleum & petrochemical industry, ElSaif-AlKhobar, 19-21 February 2019, www.petroenvironment.org (Exhibitor)
- 263) Dr. Marzoq Bataineh, workshop "Say it like you mean it: communication skills for instructors", organized by the Academic and Professional Development Committee of the Faculty of Engineering, under the supervision of the Deanship of Education Development, Imam Abdulrahman Bin Faisal University, held at College of Engineering Bldg. A13, Ibn Alhaitham Auditorium, First Floor, on Tuesday 29.01.2019 (Attendance).
- 264) Basic training program for the university professor in teaching and learning, Deanship of the development of university education, Wednesday - Thursday 6-7 March and Sunday - Monday 10-11 March 2019, Imam Abdul Rahman University, Faisal, Building 27 (attendance and participation) ded@iau.edu.sa
- 265) University colleges introductory exhibition for secondary school, Monday-Thursday 25-28 February 2019, Health colleges forum organized by Deanship of Student Affairs, IAU (Supervision of the college of engineering booth).
- 266) 2nd Solar and Wind Energy Symposium and Exhibition on "Renewable Energy Training – A National Need", hosted by the Mechanical and Energy Engineering Department, held at the College of Engineering, Imam Abdulrahman Bin Faisal University. on 5th – 6th Rajab 1440 / 12th – 13th March 2019, AlKhawarizmi auditorium, Bld. A13, College of Eng., KSA (Chair session #1)
- 267) Abdel-mAgid, M.I.M., and Abdel-Magid, I.M., Safety of land and sea boundaries from pollution by promoting human development and capacity-building, Symposium on Crisis and Disaster Management, First Saudi Symposium on Crisis and Disaster Management, organized by Crisis and Disaster Management Center, Eastern Province, Saudi Arabia, 7/11/1440 H - 18 March 2019, Main Conferences hall, IAU, (speaker).
- 268) 3rd traffic and transportation engineering day, held at College of Engineering Bldg. A13, Ibn Alhaitham Auditorium, First Floor, on Tuesday 26 March 2019 (participant).
- 269) The 13th GIS Symposium in Saudi Arabia was held on the 8-10th of April 2019, Sheraton Hotel, Dammam, KSA <https://www.iau.edu.sa/en/saudigis> (Attendee)
- 270) Dr. Ahmed Hassan, Deanship of Academic Development, Assessment Foundations, organized College of Engineering in collaboration with Deanship of Academic Development, Tuesday, 24/09/2019 (10:00 am to 12:00 pm), Venue: Ibn Al-Haytham Hall, Ground Floor, College of Engineering (Bldg. A13), IAU East Campus. (Attendance)
- 271) Engineering Specialization Competition, Introduction to Engineering, IAU, Female section, Bld. 800, Dammam, 1 October 2019 (Evaluator)
- 272) Workshop on Assessment and Evaluation for Teaching and Learning in Higher Education: An Intensive training, Organized by Deanship of Academic Development, IAU, KSA, 6 – 9 October 2019, Bld. D27 (Attendance)
- 273) Prof. Victor M.H. Borden, Keynote speaker: Faculty engagement in institutional & program assessment, organized by Deanship of Academic Development, lecture held on Wed. 9 Oct. 2019, Bld. D27 (Attendance)
- 274) IAU Scientific Council (SC) representative's discussion about the services and the approved lists of journals, organized by SC & Vice Deanship for Higher Studies and Scientific Research of the college of engineering, Venue: First Floor -Al Khawarizmi Hall, Date: Today, 10/10/2019, Time: 11:00 AM -12:00 PM (Attendance)
- 275) College of Engineering in collaboration with Saudi Council of Engineers, training session: Title: How to pass the Professional Engineer Exam for the First Time Delivered by Saudi Council of Engineers. Date and Time:



- Tuesday, 15/10/2019 (10:00 am to 11:00 am), Venue: Al-Khoarzi Hall, Ground Floor, College of Engineering (Bldg. A13), IAU East Campus (Attendance)
- 276) Dr. Abdullah Alkadi, Vice President for Studies, Development and Community Service, organized by Dean College of Engineering in Collaboration with Deanship of Community Service and Sustainable Development, workshop session: Workshop on IAU's Strategic Plan, Date and Time: Sunday, 20/10/2019 (08:00 am to 11:00 am), Venue: Al-Khoarzi Hall, Ground Floor, College of Engineering (Bldg. A13), IAU East Campus. (Attendance)
- 277) Endnote Desktop workshop, facilitated by Mr. Shakil Ahmad, 24 Oct. 2019, Room No 321 from 6 pm to 8 pm. (Attendance)
- 278) Dr. Wessam A. Mohamed, Blueprinting, organized by Dean College of Engineering in collaboration with Centre for Quality of Assessment & Examinations, Tuesday, 22/10/2019 (10:00 am to 12:00 pm), Venue: Ibn Al-Haytham Hall, Ground Floor, College of Engineering (Bldg. A13), IAU East Campus. (Attendance)
- 279) Important Supporting Workshop from Clarivate Analytics, organized by Vice Deanship for Higher Studies and Scientific Research, 28 Oct. 2019, held in Ibn-al-Haitham hall, College of Engineering. (Attendance)
- 280) Dr. Ahmed Hassan, Empower Your Lecture: Making Your Lecture Planning Active, organized by Deanship of Academic Development, Date and Time: Tuesday, 29/10/2019 (10:00 am to 12:00 pm), Venue: Ibn Al-Haytham Hall, Ground Floor, College of Engineering (Bldg. A13), IAU East Campus. (Attendance)
- 281) Dr. Farooq Saeed, Changes in ABET Assessment Criteria, QAC At College of Engineering, Tuesday, 5/11/2019 (10:00 am to 12:00 pm), Venue: Ibn Al-Haytham Hall, Ground Floor, College of Engineering (Bldg. A13), IAU East Campus. (Attendance)
- 282) Dr. Muhammad Farhan & Engr. Ahmad Aftab, Role of Simulation and Data Analytics: Cutting Edge Applications, Traffic & Transportation Eng. Dpt. At CoE, Tuesday, 5/11/2019 (10:00 am to 12:00 pm), Venue: Ibn Al-Haytham Hall, Ground Floor, College of Engineering (Bldg. A13), IAU East Campus. (Attendance)
- 283) Vice Deanship for Academic Affairs of College of Engineering, New policy for registration and academic advising, held on Tuesday, Nov 12, 2019, at 10 am. Venue: Al-Khoarzi Hall, Ground Floor, College of Engineering (Bldg. A13), IAU East Campus. (Attendance)
- 284) College of Engineering's continuous education committee and in collaboration with the Saudi Council of Engineers, Open Engineering Day, Venue: Al-Khawarizmi Hall, Ground Floor, College of Engineering (Bldg. A13), IAU East Campus on Tuesday 19 November 2019 from 10:00 AM to 11:00 AM. (Environmental Engineering department representative)
- 285) Dr. Marzoq Bataineh, Interactive Teaching, and Student Engagement, Deanship of Academic Development, Tuesday, 26/11/2019 (10:00 am to 12:00 pm), Venue: Ibn Al-Haytham Hall, Ground Floor, College of Engineering (Bldg. A13), IAU East Campus. (Attendance)
- 286) IOSH Managing Safely, 20 October 2019, Training Provider name The Petroleum and Natural Gas Higher Institute of Technology and Training (PNGIT), KSA, <https://www.pngit.edu.sa>. (Attendance)
- 287) Dr. Cevat Yaman, Application of Geosynthetic Materials in Environmental organized by Environmental Engineering Dept. at College of Engineering; Date and Time: Tuesday, 26/11/2019, Venue: Ibn Al-Haytham Hall, College of Engineering (Bldg. A13), IAU East Campus. (Attendance)
- 288) Dr. Osama Abu Hajar, training session "Mandatory General Discussion with Academic Advisers", organized by Continuous Education Committee members; in collaboration with the Vice Deanship of Academic Affairs at College of Engineering; Date and Time: Thursday, 05/12/2019 (01:00 pm - 02:00 pm), Venue: Al Khwarizmi Hall, College of Engineering (Bldg. A13), IAU East Campus. (Attendance)
- 289) Biofluid dynamics project presentation, fourth-year biomedical engineering students, Bld. 900, 1st floor, presentation venue, on Monday 9th December 2019 (Evaluator).
- 290) Continuous Education Committee in collaboration with Vice-Rector/ Directorate of Curriculum and Plans; training session: Curriculum Update Road Map Workshop, Delivered by Vice-Rector/ Directorate of Curriculum and Plans, Date and Time: Tuesday, 10/12/2019 (10:00 am - 12:00 pm), Venue: Ibn Al-Haytham Hall, Ground Floor, College of Engineering (Bldg. A13), IAU East Campus. (Attendance)
- 291) Dr. Farooq Saeed, Tackling ABET New SLO Changes, QAC At College of Engineering, Tuesday, 17/12/2019 (10:00 am to 12:00 pm), Venue: Al Khwarizmi Hall, Ground Floor, College of Engineering (Bldg. A13), IAU East Campus. (Attendance)
- 292) Workshop on Designing and implementing effective rubrics, Organized by Deanship of Academic Development, 15 – 16 January 2020, Bld. D27 (Attendance)
- 293) A career development event by the College of Engineering in collaboration with the Society of Petroleum Engineers, SPE student outreach program (student & alumni), Tuesday 28 Jan. 2020, Ibn Al-Haytham Hall,



- Ground Floor, College of Engineering (Bldg. A13), IAU East Campus. (Attendance).
- 294) Fifth Traffic Safety Forum and Exhibition, Safety Innovations and Initiatives for Sustainable and Safer Communities, Sheraton Hotel Dammam KSA, Monday-Wed. 10-12 February 2020, organized by the Traffic & Safety Council in coordination with IAU (Attendance).
- 295) Dr. Ahmed Hassan, integrating critical thinking in the academic curriculum, organized by Deanship of Academic Development, Date and Time: Tuesday, 11/2/2020 (10:00 am to 12:00 pm), Venue: Al-Khoarزمi Hall, Ground Floor, College of Engineering (Bldg. A13), IAU East Campus (Attendance)
- 296) Dr. Ibrahim AlNaib, Survival skills for engineers & scientists, organized by the College of Engineering Continuous Education Committee in collaboration with Alumni & Career Development Center, Tuesday, 18/2/2020 (10:00 am to 11:30 pm), Venue: Ibn Al-Haytham Hall, Ground Floor, College of Engineering (Bldg. A13), IAU East Campus (Attendance)
- 297) "The second consultative meeting with the third sector institutions - for charitable and donor societies", held at In Al-Mukhaila hall, Deanship of E-learning and distance education, at the university's western wing, Wednesday, February 19, 2020 - 25 Jumada II 1441 AH, from 09:00 AM until 13:15, Organized by the Deanship of Community Service and Sustainable Development.
- 298) Dr. Elsa Joao, Key principles of the circular economy, organized by the College of Engineering Continuous Education Committee in collaboration with Strathclyde University-Scotland, Tuesday, 25/2/2020 (11:00 am to 12:00 pm), Venue: Al Khwarizmi Hall, Ground Floor, College of Engineering (Bldg. A13), IAU East Campus (Attendance)
- 299) Dr. Marzoq Bataineh, Assessing projects & labs, organized by the College of Engineering Continuous Education Committee in collaboration with the Deanship of Academic Development, Tuesday, 3/3/2020 (10:00 am to 12:00 pm), Venue: Ibn Al-Haytham Hall, Ground Floor, College of Engineering (Bldg. A13), IAU East Campus. (Attendance).
- 300) عمل اجتماع باستخدام Microsoft team, <https://bit.ly/2wpjAjd>, Sunday 22 March 2020, organized by Deanship of ICT, IAU (Attendance)
- 301) طريقة عمل توقيع الكتروني للمستندات, <https://bit.ly/2QuNnye>, صباحاً 11:30, Sunday 22 March 2020 organized by Deanship of ICT, IAU (Attendance)
- 302) كيف تستخدم التحويلة من المنزل (سيسكو جابر), <https://bit.ly/3a7FPsI>, 1 ظهراً, Sunday 22 March 2020 organized by Deanship of ICT, IAU (Attendance)
- 303) التوقيع الإلكتروني في برنامج مراسلات 11:30 صباحاً, Monday 23 March 2020, 11:30 a.m.m organized by Deanship of ICT, IAU (Attendance)
- 304) طريقة عمل أوفيس 365 من المنزل, 10:00ص, Wednesday 25 March 2020 organized by Deanship of ICT, IAU (Attendance)
- 305) رفع وتحميل المستندات على نظام مراسلات, 11:30ص, Wednesday 25 March 2020 organized by Deanship of ICT, IAU (Attendance)
- 306) كيف تضيف توقيع الكتروني على المعاملات من خلال نظام مراسلات, 1:00م, Wednesday 25 March 2020 organized by Deanship of ICT, IAU (Attendance)
- 307) Prof. Robert Kalin Webinar, Bringing Sustainable Development Goal SDG-6 to Life, organized by College of Engineering Continuous Education Committee-IAU, Date Time: Mar 31, 2020, 10:00 AM Riyadh (Attendance)
- 308) Dr. Abdelgadir Mudawi Mohamed, Zoom meeting, Topic: Laboratory Accreditation According to ISO/IEC 17025:2017, organized by Deanship of Academic Development, Date and Time: Tuesday, 7/4/2020, Time: Apr 7, 2020, 10:00 AM Riyadh, Venue: online <https://iauvle.zoom.us/j/746339694>, Meeting ID: 746 339 694 (Attendance)
- 309) Abdel-Magid, M. I. M., Environmental Engineer's Expectations (EEE), on Wednesday 8 April 2020, organized by College of Engineering Continuous Education Committee, College of Engineering, held online via Zoom platform, Imam Abdulrahman Bin Faisal University, Al-Khober, KSA (Presenter, Online forum)
- 310) Panel Evaluation for Engineering Drawing (Computer Poster Competition, CPC), freshman year, Female students, College of Engng., IAU, and Wednesday & Thursday 8-9th April 2020 via zoom online platform (Reviewer).
- 311) Mr. Shakil Ahmad, Managing Literature and References with Mendeley, A career development event organized by the Continuous Education Committee (CEC), at the College of Engineering, Imam Abdulrahman Bin Faisal University (IAU) - Saudi Arabia (KSA), in collaboration with Deanship of Library Affairs, IAU, Date: *Wednesday, 22nd April 2020, Time: * 11:00 am - 01:00 pm, Modality: Video Conference via Zoom Cloud Meeting (Attendance)
- 312) Arch. Fatima Awadallah, Lecture green building, Sudanese Engineers Society, Southern Area, KSA,



- <https://www.facebook.com/ssesouth/videos/252334275968912/>, 4th May 2020 (Attendance)
- 313) Abdel-Magid, M. I. M., Towards the Future Rise of an Environmental Engineer, on Sunday 17th May 2020, 22:00 hr. KSA, organized by the College of Engineering Continuous Education Committee, College of Engineering, held online via Zoom platform (<https://bit.ly/17052020cec>), Imam Abdulrahman Bin Faisal University, Al-Khober, KSA (Presenter, Online forum).
- 314) Dr. Amir Elginaid, "Midas nGen Modelling and Structural Analysis, Date Time: May 21, 2020, 09:00 PM Riyadh, Every week on Thu, 3 occurrence(s) May 21, 2020, 09:00 PM, May 28, 2020, 09:00 PM, and Jun 4, 2020, 09:00 PM, https://iauvle.zoom.us/join/attendee/tJwrcumqpgztGN0n8HrtabiUQLPJsgkX7jvI/ics?user_id=pxcN2U_PRj6S6BJVaJKL3g (Attendance)
- 315) CEng. Nadia Mahmoud Abdel-Rahman El-Faki, engineering contracts, and their disputes - the legal dimension, organized by the Sudanese Society of Engineers in Saudi Arabia - Western Region, June 2, 2020, live broadcast on Facebook (nadiaalfaki@hotmail.com), (Attendance)
- 316) Isam Mohammed Abdel-Magid Ahmed, Environmental sanitation, organized by Sabinaa wa Pennangiz Organization, Consultant Office, Saturday, 6 June 2020 at 8 pm Khartoum local time (7:00 GMT) through Zoom.us program, DOI: 10.13140 / RG.2.2.11652.35201
- 317) Eng. Nazik Saad Yousif, indoor environmental quality, a lecture organized by the Sudanese Engineers Organizations in Saudi Arabia, on 10th June 2020, <https://us02web.zoom.us/j/81769651539>, E-MAIL: Nazoka013@gmail.com, (Attendance)
- 318) Eng. Mohammed AlDawo Mohammed, Water insulation, organized by Water & Environment Forum, through WhatsApp, on Sunday 14 June 2020, (Attendance)
- 319) Meet remotely, entitled "Meet the graduates of the College of Engineering", Organized by The Alumni and Professional Development Center, IAU, on Wednesday, June 17, 2020, from 21:00, to 23:32 Riyadh-Saudi time, through zoom.us: <https://bit.ly/2XSwpO5>, (Attendance)
- 320) Mr. Akram Hoque, Prof. Omer Aga, Prof. Ibrahim Hassan, Dr. Wesam AlMadhoun, and Prof. Zainura Zainon Noor, The Policy Times, WebPolicyTalk with International Experts on "Environmental Performance Index Towards Sustainability", 2 pm – 3 pm (India Time) on Thursday 18th June, Facebook: <https://www.facebook.com/thepolicytimes> Youtube: <https://www.youtube.com/thepolicytimes>, (Attendance)
- 321) Dr. Al-Taher Abu Al-Qasim Muhammad Al-Sheikh, Disaster prevention and risks, organized by the consulting office - organization "Sabennha wa Benangiz - Fall without accidents", on Thursday 18th June 2020, from 21:00 until 23:36 Riyadh - Saudi Arabia time, through Cisco Webex Meetings_v40.6.0, <https://m.apkpure.com/cisco-webex-meetings/com.cisco.webex.meetings/download>, (Attendance)
- 322) Dr. Abdul Rahman Karrar, Electricity in Sudan and the neck of the bottle: practical proposals for solutions, organized by Sudanese researchers, held on Sunday, June 28, 2020, from 17:00 Riyadh-Saudi time, through zoom.us: Webinar ID: 83297141613, password: 103423, (Attendance)
- 323) Eng. Musab Mohammed Elazhary, Structural components for hafeer, organized by Water & Environment Forum, through WhatsApp, on Sunday, June 28, 2020, from 20:00 Riyadh-Saudi time, (Attendance)
- 324) Eng. Ayman Hamdy Kamel, Airbus space services in geospatial systems, a lecture organized by the Sudanese Engineers Organizations in Saudi Arabia, on 29th June 2020, <https://www.facebook.com/events/1161633494197287/> and Zoom Meeting <https://us02web.zoom.us/j/85214867060>, Meeting ID: 852 1486 7060, (Attendance)
- 325) Abdel-Magid, I.M., What did engineering provide for Sudan in the field of infrastructure, development, and construction? General open lecture, organized by goma8ra.com & delivered through their platform on Sunday 12th July 2020, <https://twitter.com/goma8ra/status/1282317769170653184?s=20> (presenter). DOI: 10.13140/RG.2.2.21069.46567
- 326) Abdel-Magid, I.M., Features of safe disposal of solid pollutants and control of toxic substances, a lecture organized by the Sudanese Engineers Organizations in Saudi Arabia, on 19th July 2020, <https://www.facebook.com/events/1161633494197287/> and Zoom Meeting 4395, DOI: 10.13140/RG.2.2.16858.77761 (Presenter)
- 327) Taha Ahmed Taha Al-Tayyar, Virtual workshop tagged "Integrated solid waste management in times of crisis: the city of Mosul as a model", Tuesday, July 21, 2020, from 11:00 am until 12:17 Riyadh time in Saudi Arabia. <https://www.freeconferencecall.com/wall/mandeelfi/viewer>, (Attendance)
- 328) انشاء رابطة اكااديمية السودان للعلوم، الخرطوم، 25 أغسطس 2020 (الحضور)
- 329) Dr. Yilma Seleshi, Great Ethiopian Renaissance Dam negotiation challenges and way forwards, technical aspects, Monday 30th November 2020,



- <https://fiu.zoom.us/j/92292898511?pwd=UjV2RElMSEZtazltQlAwQXZ5cU9odz09>, (Attendance)
- 330) International Workshop on 'Application of Remote Sensing and GIS for Water, Environment, Land, and Society' from December 1 to 3, 2020, <https://us02web.zoom.us/join/join?pwd=8OGlOi72CcUbqN>, Meeting ID:- 85651505376, Passcode:- 860546, (Attendance)
- 331) منصة السودان للمعرفة, Topic: الجزء الثاني - من الخبير للوزير, Time: Dec 12, 2020 11:30 AM London, Zoom Meeting, <https://zoom.us/j/98990138099?pwd=NE9naFhnUFRZLzRiMkJKWGY5MVZyQT09>, Meeting ID: 989 9013 8099, Passcode: 286779: <https://zoom.us/j/98990138099?pwd=NE9naFhnUFRZLzRiMkJKWGY5MVZyQT09>, (Attendance)
- 332) The Webinar on "Preparing Biomedical Engineering Students For Saudi Arabia Job Market", by Eng. Nawaf Al-Rishadi, لطالبات جامعة الإمام عبدالرحمن بن فيصل, بتقديم م. نواف الرشدي, In collaboration with the Medical Devices Center for Training & Consulting at Imam Abdulrahman Bin Faisal University, saudibiomedgroup@gmail.com, Mon, Dec 14, 2020, 7:00 PM - 9:00 PM AST, (Attendance)
- 333) David Barr (British Safety Council), Dr. Julie Riggs (British Safety Council), Turki Fattouh (HSE regional manager at BEA System), and Donna Jordan (Director at Mobius), "Developing career path in the field of occupational safety and health through professional certificates" Part 2, focusing on professional certifications provided by IOSH - NEBOSH - NVQ Webinar, organized by the Occupational Safety and Health Association (SOSH), Date: 22 December 2020 (Tuesday), Time: 07:30 PM (KSA), <https://us02web.zoom.us/j/4641384480?pwd=bUtmNmUaGZ0dFA3OHdDazErVUtEzZ09>, Meeting ID: 464 138 4480, Passcode: 1442, (Attendance)
- 334) Abdel-Magid, H I., Senior GIS, and Hydroinformatics Expert, SUDAN URBAN DEVELOPMENT THINK TANK ORGA NIZATION, Hydroinformatics: A ugmentation of Sudan Urban Development, DEC 30TH, 2020 8: 00 PM, KH, ZoomID: 942 6110 3709, Passcode: 440908, (Attendance)
- 335) Abdel-Magid, H I., Hydroinformatics: Augmentation of Sudan Urban Development, Zoom meeting scheduled by SUDTT Exec Office, Time: Dec 30, 2020, 08:00 PM Khartoum, <https://zoom.us/j/94261103709?pwd=a29hT21XTkNSc1hDSiY0TkRDVUxwUT09>, Meeting ID: 942 6110 3709, Passcode: 440908, (Attendance)
- 336) Eltayeb H. Onsa Elsadig; Ghassan M. T. Abdalla; Muna Mustafa Eltahir; Gasim Hayder; Abderrahim A. I. Lakhout; Isam M. Abdel-Magid; Hisham I. Abdel-Magid; Anes Ben Messaoud; Ahmed H. A. Yasin; Omer A. Sayed; and Mohamed B. Elswai (2021) Application of Fuzzy Analytical Hierarchy Process for Revising OIU Main-Campus Masterplan to ensure Sustainable Environment, The first Science Engineering Technology and Sustainability International Conference (SETS2021), 23-25 December 2021, held on line (presenter).
- 337) A meeting with the Council of Parents and Guardians, venue of the meeting is the large meeting room in the University Administration Building, Layer 3, on Saturday, September 25, 2021, at noon, organized by the administration of Al-Razi University. (Presence)
- 338) Symposium of the Civil Engineering Society, Faculty of Engineering, Sudan University of Science and Technology, the exchange between civil engineering disciplines (structures, construction, irrigation-hydraulics, and highway) in Hall 1, South Wing, Tuesday, January 11, 2022, from 10:00 to 13:30 (Expeditior)
- 339) National Workshop on Water Convention on Protection and use of transboundary Watercourses and international lakes, Tue, Feb 15, 10:06 PM, Zoom Meeting, <https://zoom.us/j/93453975106?pwd=T0VHNkR5L0pTdmhUKzJLZXdWanNadZ09>, Meeting ID: 934 5397 5106, Passcode: 917426 (Attendance).
- 340) Topic: رقم 2020 حتى عام 2020, (1) تقرير واقع البحث العلمي في السودان حتى عام 2020, Time: Feb 19, 2022 04:00 PM Khartoum, <https://us02web.zoom.us/j/9731439479?pwd=VlFnNDJnbG0xVVhHUXVNVNzNFBuZz09>, Meeting ID: 973 143 9479, Passcode: 28dec2009
- 341) Isam M. Abdel-Magid; Environmental problems and future generations' view of the Earth's future, organized by: Water and Environment Forum at Sudan University of Science and Technology, April 22, 2022, Zoom Meeting <https://iauvle.zoom.us/j/92088617331?pwd=QWJKL3daaFMrWnJwdkoxT25OM0Z0Zz09> Meeting ID: 920 8861 7331 Passcode: 681973 •Facebook: <https://www.facebook.com/Water-Environment-Forum-104391881624954> (مشارك)
- 342) Isam Mohammed Abdel-Magid, Lecture Stage 1: Solid Waste Survey, Data Collection, and Analysis 2022/2023 Curriculum, Saturday 2/7/2022, 11:00-14:00, Concept and Term of Solid Waste and its Types and Sources, SUST PENG-Echo hub, Organized by Sudan University for Science & Technology, Peace Engineering, ECHO Hub, Presenter, DOI: 10.13140/RG.2.2.36596.63369
- 343) Isam Mohammed Abdel-Magid, Lecture ECHO Session: Waste management session on Data on Solid Waste



- Setting the Boundaries and Roadmap. Sat, 30 Jul 2022 11:00 AM CAT (Central Africa Time), Project ECHO, 1650 University Blvd NE, Albuquerque, NM 87102, United States, https://www.researchgate.net/publication/362346631_Data_on_Solid_Waste_Setting_the_Boundaries_Roadmap#fullTextFileContent, Presenter, DOI: 10.13140/RG.2.2.30081.53600
- 344) Afraa Abdelmohammed Abusalih, and Isam Mohammed Abdel-Magid, towards better storage of hazardous materials at the seaport, 4th Conference on Civil Engineering CCE2022-Sudan, held in Nyala, Sudan, during the period 13-15 December 2022, <http://cce2022.nyalau.edu.sd/>
- 345) إلهام منير بدور، ناهد حسن فرهود، عصام محمد عبد الماجد، المعالجة البيولوجية اللاهوائية لمياه صرف المشافي: دراسة حالة مستشفى الباسل والتوليد في حلب، مؤتمر الهندسة المدنية الرابع-السودان، <http://cce2022.nyalau.edu.sd/>
- 346) Munir Al-Atrash, Elham Badour and Mohammed Abdel-Magid, Reconstruction strategies in the Syrian Arab Republic, 4th Conference on Civil Engineering CCE2022-Sudan, held in Nyala, Sudan, during the period 13-15 December 2022, <http://cce2022.nyalau.edu.sd/>
- 347) Pasarul Islam, Elham Munir Bador, Isam Mohammed Abdel-Magid, Enayat Bano, and Shakil Ahmad, Mapping the scientific literature on covid-19 and climate change, 4th Conference on Civil Engineering CCE2022-Sudan, held in Nyala, Sudan, during the period 13-15 December 2022, <http://cce2022.nyalau.edu.sd/>
- 348) Mashair Anwar Saeed, Hongzhi Ma, and Isam Mohammed Abdel-Magid, Ethanol-methane coupling fermentation technology from food waste, 4th Conference on Civil Engineering CCE2022-Sudan, held in Nyala, Sudan, during the period 13-15 December 2022, <http://cce2022.nyalau.edu.sd/>

4.2] Online learning attendance and participation

- 1) Distance education course in financial management, IIEP-UNESCO, France, that took place at SUST during the period April to June 1999. (Coordinator)
- 2) Turnitin a 1-hour online class on changing the culture to promote integrity: Why Progress is possible, April 20, 2015. (Attendance)
- 3) Turnitin a 1-hour on: A student-centered culture: promoting integrity one conversation at a time, April 20, 2015. (Attendance)
- 4) Turnitin a 1-hour on Narcissism and extrinsic values: Understanding student trends that impact plagiarism and cheating, April 21, 2015. (Attendance)
- 5) Turnitin a 1-hour on: The cultural implications of contract cheating, April 22, 2015. (Attendance)
- 6) Mohammed Umar, Lecture "Thomson Reuters new project management system for research projects: converts – award management", on Sunday 13 December 2015, Bld. 500, room 502, organized by the Scientific research and higher studies deanship of the college of engineering, university of Dammam, KSA. (Attendance)
- 7) Workshop on "preparation of a strategic plan for the vice presidency of Academic Affairs, introduced and facilitated by Fahad ben Abdullah Al Amro, 2nd June 2016 – 26/8/1437H, Deanship of Electronic Education hall (Attendance)

4.3] Principal conveyor and deliverer of Conferences, Seminars, and Workshops:

- 1) Engineering sciences subject training workshop (first-year syllabus) organized by Training Dept., Khartoum Wilaia, held at Ahmed Basheer Abbadi School, 16 June 2000.
- 2) Engineering sciences subject training workshop (second-year syllabus) organized by Training Dept., Khartoum Wilaia, held at Omdurman Technical High School for Girls, 8 – 13 September 2001.
- 3) Role of women on the management of water resources, Thursday 24 January 2008, AlAhfad University for Women, Omdurman, (Invited speaker from Sudanese Youth Organization for Water Resources, www.syowr.org).
- 4) Operation and maintenance of wastewater treatment plants, Council of Community Development, Sudan Academy for Sciences, and Seminar room at Institute of Environmental Research at NRC, Khartoum, and 24 - 28 February 2008.
- 5) Workshop on water culture and quality, Training and Continuous Studies Dept., College of Technology, Sudan University for Science and Technology, 5 to 25 March 2008.
- 6) Seminar on sanitation and MDGs, world water day, Sudan University for Sciences Student's Union in collaboration with College of water and environmental Engineering, Thursday 27 March 2008, Ehshaheed Conference Hall, Khartoum.
- 7) Workshop on water and sanitation, organized by Continuous Professional Development Centre, Federal Ministry of Health, 18 – 22 May 2008 (In collaboration with others).
- 8) Workshop on "Medical waste", organized by Continuous Professional Development Centre, Federal Ministry of Health, 27 – 29 May 2008 (In collaboration with others).



- 9) Seminar on “Water for life”. Organized by Sudanese Water Society and Expo for technical consultancy, water instruments, and technology, 8 July 2008, Buri Exhibition Area.
- 10) Workshop on practical answers projects, organized by Institute of family and community development (SUST) and Practical Action Society, LASER hall, Thursday 17 July 2008.
- 11) Seminar on scientific publishing, organized by Institute of Environmental Studies of the National Council of Research, Khartoum, Conference Hall, Sunday 21 August 2011.
- 12) National Research Centre: Connections, collaboration, and diplomatic external links, organized by Environmental Studies Institute of the National Research Centre, Khartoum, Sudan held on Monday 29 September 2014.
- 13) Basic guidelines to aid undergraduates choosing their major, organized by the Sudanese Azza Association and The Facebook Page for Sudanese Community in Qatar, held at the Sudanese Cultural Centre in Doha on Saturday 9th May 2015 at 19:30 in partnership with Lubna Isam Mohammed Abdel-Magid.
- 14) Choosing appropriate major, general lecture, Saturday 13 June 2015, organized by youth pens. Building their country, Green Area, Khartoum, Sudan.
- 15) Isam Mohammed Abdel-Magid, lecture on “the researcher I would like to be”, organized by the environmental research institute of the Scientific Research Centre, conf hall 61 Mohammed Nageeb road, held on Tuesday, 23 August 2016, Khartoum, Sudan (Presenter)
- 16) Choosing your engineering major, general lecture, Wednesday 7 September 2016, 4-7 p.m., organized by Students’ Scientific Library, Balila Conference Hall, College of Petroleum, Sudan University for Science and Technology, Khartoum, Sudan.
- 17) HBDI workshop for 2nd-year secondary school students, Mawhiba Girls School, Kafori, Bahri, Khartoum, Sudan, Wednesday 17 August 2018 (facilitator)
- 18) Sustainable Energy Generation from Trash to Treasure, Clean Energy & Sustainability Forum, organized by the Saudi Electricity Company, 24 – 25 October 2018, Sheraton Hotel, Dammam, KSA (Delegate)
- 19) First Engathon (Fectumthon) (Under the theme: thinking outside of the books), Education café, organized by Deanship of Academic Development, held on: Tuesday 19 March 2019, Venue: College of Engineering, Bld. A13, Ibn Al-Haitham auditorium (facilitator)
- 20) 30) Isam Mohammed Abdel-Magid Ahmed, VALUING WATER, World Water Day 2021, organized by Saudi Chemical Society, Eastern Province, held via webinar on Thursday 8 April 2021, 18:00 Riyadh meantime. (presenter- panelist)

Part Five: Evaluation of programs and consultancy work

5.1} Evaluation of Programs:

- 1) Distance Education Offices at Jordan, Amman, SUST, March 2001.
- 2) Middle East Academy, Cairo, SUST, 23 March - 4 April 2002.

5.2} Evaluation of engineering Colleges Evaluation for the Sudanese Engineering Council (SEC):

- 1) Head of the technical committee, College of Engineering, AlZaeem AlAzhari, Omdurman, June 2001, SEC Academic Committee decision no. 24 dated 24 July 2004 (Technical report submitted on 8 Aug. 2004).
- 2) Head of the technical committee, College of Engineering, Red Sea University, SEC Academic Committee decision no. dated 2001 (Technical report submitted in July 2001).
- 3) Head of the technical committee, College of Engineering, Juba University, SEC Academic Committee decision no. dated 2001 (Technical report submitted in June 2001).
- 4) Head of the technical committee, College of Engineering, Sinnar University, SEC Academic Committee decision no. dated 2001 (Technical report submitted in 2001).
- 5) Resource person for evaluation of distance Education Offices at Jordan, Amman, SUST, March 2001.
- 6) Head of the team for evaluating Middle East Academy, Cairo, SUST, 23 March - 4 April 2002.

5.3} Evaluation of offices:

1. GWP Eastern Africa regional office, Entebbe, Uganda, 19 – 23 May 2008, report to be delivered to Steering Committee.

5.4} Evaluation of research studies:

1. Title of project: Recovery of Titania (TiO₂) from Waste-Sludge of Majmaah Water and Wastewater Treatment Plants, Engineering and Applied Sciences Research Centre, Deanship of Scientific Research,



Majmaah University, Kingdom of Saudi Arabia, email: e.a.r.c@mu.edu.sa, April 2014.

5.5] Projects and Consultation Work:

1. Member evaluation committee for final designs of the administrative building of the Arab Organization for Investment and Agricultural Development, 1983.
2. "University of Khartoum water supply 2000 A.D." B.Sc. Civil Engineering Department, Faculty of Engineering and Architecture, University of Khartoum, Sudan, 1977. Teamwork members: Isam Mohammed Abdel-Magid, Ahmed Yassin, and Alfred Sobaik Lako under the supervision of Prof. Dr. Eng. Abdeen Mohammed Ali Salih.
3. "The role of filter aids in sludge dewatering", Ph.D. thesis, Civil Engineering Department, Faculty of Engineering, Strathclyde University, Glasgow, Great Britain, 1982. Under the supervision of Dr. Peter Coackley.
4. "Technical evaluation of wastewater treatment and disposal", Poultry Processing Plant, Arab Sudanese Poultry Company (Subdivision of the Arab Agricultural Association for Investment and Development (AAAID)), Khartoum, Sudan, 1983.
5. "Technical evaluation and report on the final plumbing system design headquarters building for AAAID", AAAID, Khartoum, Sudan, Aug. 1983.
6. "Technical evaluation and selection of an incinerator plant for the Sea Ports Corporation, Port-Sudan", Sudan, 3 Jan. 1986.
7. "Evaluation of slow sand filters in Rahad and North Halfa Agricultural Schemes", a jointly organized mission by IRC, Faculty of Engineering (University of Khartoum, Sudan), National Corporation for Water (Sudan), 1983.
8. "Technical evaluation and report on environmental pollution management and impact at Port-Sudan", Jan. 1986. A mission organized by the Ministry of Health, Sudan.
9. "Monitoring, evaluation, and advice on the Meridian Hotel water supply", Khartoum, Sudan, 1985, 1988.
10. "Technical aspects of wastewater and solid waste problems at the Beverages and Sweets Factory (El-Berier Factory)", Khartoum, Sudan, 25 Jan. 1986.
11. "Technical evaluation and report of Starch and Glucose wastewater treatment plant for the Arab-Sudanese Starch and Glucose Company- subdivision of AAAID", Khartoum, Sudan, 29 March - 8 May 1986.
12. "Evaluation and selection of pumps for Khartoum Sewerage System", Khartoum Municipality, Sudan, Sept. 1987.
13. Member committee that prepared designs and drawings for rainwater drainage project for girls' colleges roads and protection of buildings from water coming from outside campus, administrative decision, United Arab Emirates University, 1990.
14. "Consultation regarding the installation of Fish Research and Demonstration laboratory at the Animal Production Department, Faculty of Agriculture, University of UAE", Al-Ain, UAE, Oct. - Nov. 1988.
15. "Preparation of an inter-country report concerning environmental conditions at Sudan", in Arabic, ALECSO, Tunis, El-Gbaddah, Al-Aslia, P.O. Box 1120, 15 Feb. 1991 - 21 Jan. 1992.
16. Helping in the formulation of the Omani standards for wastewater reuse and reclamation. This is through the Representative of the Omani Standard Working Group Dr. Hyder Abdel Shafi, of the College of Agriculture, SQU.
17. Preparation of the Safe Working Procedures for Public Health and Air/Water Pollution Laboratories, room numbers 1027 to 1031 inc., at the Civil Engineering Department, College of Engineering, SQU. This has been completed with close coordination and collaboration with Professor F. Sawko the Head Civil Engineering Department, Mr. D. C. Monaghan the Civil Engineering Department Superintendent, Mr. H.E. Eales the Chairman-College of Engineering Health and Safety Committee, Dr. A. Al-Zawahry, Mr. B.K. Kush the Senior Technician, and Professor, P.N. Bruce the chairman of the accommodation committee, 24 Feb. - May 1992.
18. Organization of appropriate training courses for the Public Health Engineering Laboratory Technician Mrs. Raya Suleiman Al-Sharji. The training program incorporated the following:
 - i. Training in analytical chemistry and microscopic techniques at the College of Medicine Laboratories under the supervision of Mr. Abdel-Gaffar Hussein Al-Haj, Laboratory Superintendent, for one and a half months.
 - ii. Training in preparation of media, bacteriological analysis of water and wastewater samples, and related aspects, at the Department of Microbiology, College of Science, SQU, under the close supervision of Dr. Abdel-Gadir Al-Zein Al-Shafie, for a month.
 - iii. Training in computer word processing, word perfect 5.1, under my supervision for around two months.
 - iv. Further training is organized for her by Mr. Kush.
19. Preparation, sorting, organization, selection, ordering requisition, helping in the final evaluation of offers from different suppliers, of glassware, general apparatus, laboratory models, laboratory wall charts, slides, films, laboratory reference books, and journals that are deemed necessary for the Public Health and Air/Water Pollution Laboratories, Jan. 1991 - May 1992.
20. Organization of different training programs for teaching and supporting staff at Sudan University for Science and Technology, Juba University, and Omdurman Islamic University in computers and software use (examples

