

1- Personal Details

Name : Sameh S Ahmed
Date of Birth : 23/12/1962
Nationality : Egyptian
Telephone : Ex. 2524
Mobile : 0598311652
Email : s.mohamed@mu.edu.sa



2- Area of specialization:

Major	Environmental Engineering
Minor	Groundwater and Water Treatment

3- Education & Qualifications

Date	Degree	University name	Country	Title of the Dissertation
1985	Bachelor	Assiut University	Egypt	Surveying Project and Mining Project
1991	Master	Assiut University	Egypt	Earthwork Calculations from Digital Terrain Models in Mining Areas
2001	Ph.D.	Imperial College, London	UK	Three Dimensional Characterizations of Groundwater Quality Parameters around Mines and Landfill Sites

4- Professional Activities:

Job Title	Place	Country	From	To
Associate Professor	College of Engineering – Majmaah University	Saudi Arabia	2009	2020
Assistant Professor	Faculty of Engineering Almergeb University	Libya	2005	2008
Assistant Professor	Faculty of Engineering, Assiut University	Egypt	2001	2005
PhD Student & Researcher	Imperial college, London, UK	UK	1995	2001
Lecturer	Faculty of Engineering, Assiut University	Egypt	1991	1995
Demonstrator	Faculty of Engineering, Assiut University	Egypt	1987-	1990
Member of board directors	Sinai Coal Company, Egypt	Egypt	2002	2004
Strategic Planning Unit	Ministry of Higher Education, Egypt	Egypt	2007	2009
Head of the A&E Unit	College of Engineering – Majmaah University	Saudi Arabia	2016	2020

5- Teaching Experiences

#	Teaching Experiences	University	From	To
1	Surveying, Engg. Geology, Environmental Engg, Soil Mechanics, Photogrammetry, Engg. Report Writing, and Senior Design Projects	Majmaah University, KSA	2009	2020
2	Surveying, Engg. Remote Sensing, Environmental Engg, Soil Mechanics and Senior Design Projects	Almergeb University, Libya	2005	2008
3	Surveying, Engg. GIS, Mine Economics, Engg. Geology and Mining and Surveying Projects	Faculty of Engg., Assiut University	2001	2005

6- Areas of Specialization

#	Areas of Specialization
1	Environmental Engineering, Geostatistics, Groundwater Quality, Surveying, GIS, GPS, and Mining.

7- Current membership in professional organizations

#	Membership	ID
1	A member of Egyptian Syndicate of Engineers	# 10593/4
2	A member of "The Arab Mining & Petroleum Association"	
3	Section Editor in Springer-Verlag GmbH, "North Africa and Middle East: Mineral Policy section" Encyclopedia of Mineral and Energy Policy. 2013	
4	Member of the Editorial Board, "Journal of Water Resources and Ocean Science" International Journal	From Sept. 2013-till now
5	Member of the Editorial Board, "Journal of Engineering and Applied Sciences" Majmaah University, KSA.	From July, 2013-2019

8- Publications (most important publications in the last 5 years)

#	Publications / Presentations	Journal (Conference)	Publishing Year
1	Transport properties of RuV-based half-Hesuler semiconductors for thermoelectric applications: A computational study	J. Phys Condens. Matter	2020
2	Removal of Rhodamine B Dye from Aqueous Solutions using photo-Fenton processes and novel Ni-Cu@MWCNTs Photocatalyst	Journal of Molecular Liquids, ELSEVIER	2020
3	The effect of geomagnetic storms on the total electron content over the low latitude Saudi Arab region: a focus on St. Patrick's Day storm	Journal: Astrophys Space Sci.	2020
4	Proposed Procedures to Mitigate the Environmental Impacts at Industrial Cities: A Case Study of Sudair City, KSA	Conference: (ICWEE 2019)	2019
5	Assessment of the Impact and Efficiency of Green Building Development in Middle East	Conference: (ICWEE 2019)	2019
6	A mini update on fluoride adsorption from aqueous medium using clay materials	Journal: Desalination and Water Treatment	2019
7	An effective method of wastewater treatment using titanium salt and a coagulant aid of chitosan	Water and Environment Journal	2018
8	Assessment of Groundwater Quality Parameters Using Multivariate Statistics- A Case Study of Majmaah, KSA	International Journal of Environmental Monitoring and Analysis	2017
9	Water-Pumping Using Powered Solar System - More than an Environmentally Alternative: The Case of Toshka, Egypt	Journal of Energy and Natural Resources	2016
10	Characterization of Groundwater Quality Parameters using Geostatistics	Book	2015
11	Production of Titania Nano-particles from Waste-Sludge", The Third International Conference on Water, Energy and Environment	Conference: (ICWEE), AUS	2015
12	A Methodology Based on Advanced Modeling Techniques for Groundwater Monitoring and Management-Part A	International Journal for R and D	2015

9- Major Research Projects

#	Research Project	Status (Now/Finished)	Funded by
1	A Methodology for Monitoring Noise Pollution and Assessment of its Environmental Impacts: Application on Industrial Zone at KSA.	Now	EASRC, MU
2	Assessment of Water Quality Parameters from Different Resources using Advanced Statistics Methods – A case Study of Majmaah City- KSA	In process	EASRC, MU
3	Development of EIA Model to Support Sustainable Development at Sudair Industrial and Business City, KSA	Finished	EASRC, MU
4	Establishment of Geographic Information System Supported with Global Positioning System Data for Environmental Studies at Majmaah Region	Finished	EASRC, MU
5	Recovery of Titania (TiO ₂) from Waste-Sludge of Majmaah Water and Wastewater Treatment Plants	Finished	EASRC, MU
6	Estimation of Soil Infiltration Capacity and Study the Appropriate Measures for Groundwater Recharge in Majmaah Region, Saudi Arabia	Finished	EASRC, MU
7	Corrosion and Portable Water Quality of Majmaah Region, North Riyadh, Saudi Arabia	Finished	EASRC, MU