

Dr. Sameh S. Ahmed

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Education and Qualifications

- March 2008 - Now** Associate Professor,
Faculty of Engineering, Assiut University, Assiut, EGYPT
Currently: Civil and Environmental Engineering Department,
College of Engineering, Majmaah University. KSA.
- Nov. 2001 - March 2008** Assistant Professor,
Faculty of Engineering, Assiut University, Assiut, EGYPT
- Nov. 1995 - Oct. 2001** PhD in Engineering (Environmental Engineering)
Imperial College of Science, Technology and Medicine, London,
UK
- Oct. 1987 - March 1991** Master of Engineering (Surveying)
Faculty of Engineering, Assiut University, Assiut, EGYPT
- Oct. 1980 - May 1985** B.Sc. in Mining and Metallurgical Engineering
Faculty of Engineering, Assiut University, Assiut, EGYPT

Work Experience

Since February 2016- till now

- Reviewer at NCAAA for program accreditation (2020-21).
- Reviewer at MU for quality assurance works in the university and as external reviewer (2017-2021).
- Editor-in-Chief "*Journal of Engineering and Applied Science*" Majmaah University, KSA, (from Feb. 2016 - 2018).
- Head of the Quality Unit - Civil and Environmental Engineering Department - College of Engineering, Majmaah University (2013/2020). Leading to get CE Program accredited ABET in December 2017.

Since January 2009 - January 2013

**Acting Head of Civil and Environmental Engineering Department,
College of Engineering, Majmaah University, Saudi Arabia**

- Leading the study plan committee to prepare the new academic study plan for the college. (Four departments).
- Establishing the Civil Engineering labs (7 labs with 5 million SR)
- Head of the Quality unit at CEE, leading the department to achieve the 3rd best place (among 54 programs) in the most readiness programs for accreditation.
- Initiating and heading the Academic guidance unit 2010.
- In charge of the college's registration and time-table committee 2010-2011
- Head of GIS and Remote Sensing unit.
- In charge of preparing the college contracts with other universities.
- Member of the College Board.
- Several scientific trips and small projects with Majmaah community.
- Leading and participating in several Engineering projects.

2007- 2009

**Consultant, Strategic Planning Unit,
Ministry of Higher Education (MOHE), EGYPT**

□ Technical Assistance, Research Projects and Policy

- Developing the annual plans and budgets of the strategic planning unit.
- Participating in the launch of a research project on Governance reforms in HE in Egypt
- Conducting research and collecting data, revising documents, contributed to strategic reflection and coordination with national partners and UN organizations for the launch of the new HE Admission policy in Egypt.
- Participating in developing the Notational Academic reference Standards (NARS) for the engineering and science sectors.
- Participating in developing the new licensing policy for the HEIs in Egypt.
- Setting the quality criteria for several strategic planning projects such as South Valley and Alexandria regions.
- Setting the quality framework for the engineering, tourism, and commercial sectors.
- Co-Management in South Valley and Assiut regions, strategic plans.
- Co-Management in the "Greater Cairo Region-strategic urban development plans (2050) Project", *funded by the UN*.
- Leading different surveys at the National level (2008-2009) for Academic Sectors Plans:
 - Designing the sample size for the targets (students, faculty, employers, leaderships, and graduates) for three sectors (engineering, tourism, and business & management)
 - Conducting the statistical analysis.
 - Monitoring the project implementation.

□ OECD/Worldbank-"Higher Education in Egypt, Country Review Report

- Reviewing and analyzing the quality of the HE education system in Egypt (2.5 million students and 70,000 Faculty).
- Leading and managing the data collection team.
- Co-Author for different chapters such as quality, external efficiency and research and development.

- Conducting the HE surveys at the national level with regards to labour market, quality and access.
- **Innovation Task Force, Ministry of Higher Education (MOHE), Egypt**
 - Conceptualization and submission of project proposals for external funding on HE and Innovation projects to FP7 and Tempus.

Professional Societies

- A member of Egyptian Syndicate of Engineers (membership # 10593/4);
- A member of "Consulting Centre of Faculty of Engineering, Assiut University".
- A member of IWA "International Water Association".
- A member of "The Arab Mining & Petroleum Association".
- A member of the "Committee of Mining Deposits Research", part of the Egyptian Academy of Scientific Research & Technology, Ministry of High Education and Scientific Research, Cairo, Egypt, (from October 2004 – till now).
- Section Editor in Springer-Verlag GmbH, "North Africa and Middle East: Mineral Policy section" Encyclopedia of Mineral and Energy Policy. 2013
- Member of the Editorial Board, "Journal of Water Resources and Ocean Science" International Journal, (from Sept. 2013-till now).
- Member of the Editorial Board, "Journal of Engineering and Applied Sciences" Majmaah University, KSA, (from July, 2013-2015).
- Member of "Planning and Follow up Committee" Majmaah University, (Nov. 2013-till now).
- Member of "Development of Scientific Programs Committee" Majmaah University, (Feb. 2014 – till now).
- Reviewer of:
 - "Journal of Water Resources and Ocean Science", (WROS).
 - "International Journal of Environmental Protection and Policy", (IJEPP).
 - "American Journal of Environmental Protection", (AJEP).
 - "International Journal for Research & Development in Technology", (IJRT).
 - "International Journal of Environmental Monitoring & Analysis", (IJEMA).
 - "International Journal of Environmental Science and Technology", (IJEST).
 - "Journal of Advanced Engineering Trends", (JAET).

Quality and Development Experience

- Reviewer in NCAAA, KSA, more than 4 programs 2020-2021.
- External reviewer for more than 5 programs in KSA (2018-2021).

- Reviewer in the Quality and Development Deanship in MU (2017-2021).
- Chairman of several panels for internal review at MU, (4 programs in College of Applied Medical Sciences, 2 programs in College of Business Administration in Majmaah) 2021.
- Give several presentations related to Quality Assurance and development to MU, (2018-2021).
- Head of Assessment and Evaluation Unit at College of Engineering, MU, KSA, (2016-2021).
- Head of Quality unit at Civil and Environmental Engineering Department, MU, KSA (2012 - 2021) leading the program for NCAAA accreditation in 2021 till 2023.
- Head of Quality Unit at Civil and Environmental Engineering Department, MU, KSA (2012 - 2021) leading the program for ABET accreditation in 2017 till 2023.

Training in Educational Sector

- Worked as a trainer for leadership sector, involved training on "*Building and Development of Study Plans*", as part of training program at Majmaah University for heads of quality units and heads of departments, 5-6/3/2011.
- Representative of the college in the "*Focusing Group*" for strategic planning of Majmaah University. (1-4/12/1432 H). Organized by Arabic Organization for Training and Development (AOTD) and Taxes International Education Consortium. (Concentrated in the method of SWOT analysis), Saudi Arabia, November 2010.
- A workshop on "*Higher Education Planning for Alexandria Region*" Sponsored by: Ministry of Higher Education in Egypt, Ministry of Higher Education, Cairo, 16-17 December 2008.
- Conference on "*Enhancing Governance and Sources of Financing in Higher Education in Egypt*" Sponsored by: Ministry of Higher Education in Egypt and Fulbright New Century Scholar, Ain Shams University, Cairo, 19-20 November 2008.
- A workshop on "*Enhancing SME Competitiveness and Expert Capabilities*"; Organized by Ministry of Foreign Trade, CIDA and Assiut University, held at Assiut University Conference Centre, 23 May 2004.

Field Training and Educational Courses and Workshops

- "Workshop of Ore Deposits Exploration, Processing, Manufacturing and marketing" organized by Arab organization for industrial and mining development, and Ministry of petroleum and mineral resources, Jeddah, KSA, 14-19 April 2012.

- “4th International Conference on Water Resources and Arid Environments”, ICWRAE, organized by; Prince Sultan Research Centre for Environment, water & Desert, King Saud University, 6-8 December 2010.
- “2nd workshop “Water Reclamation and Reuse in the 21st Century: Challenges and Opportunities”, organized by; Prince Khalid Bin Sultan Chair for water research, College of Engineering, King Saud University, 29-30 June 2009.
- Workshop on “Water Resources Management” under the umbrella of Japan-Egypt Science and Technology Year 2008 (JESTY-08), Four seasons Cairo Hotel, Nile Plaza, November 6, 2008, EGYPT, 2005.
- A workshop on “Present and Future of Hazardous Waste in Egypt” 7-11/8/2005, The Institute of Graduate Studies and Research (IGSR), Alexandria University, EGYPT, 2005.
- “First International Conference on Geo-Resources in the Middle East and North Africa (GRMENA-1)”, Conference Centre, Cairo University, 26th February - 1st March 2005.
- A workshop on “Environmental Impact Assessment” 15-19/2/2004, The Institute of Graduate Studies and Research (IGSR), Alexandria University, EGYPT, 2004.
- “Introduction to SAS 6.12 for Windows” (26/9/2002 - 10/11/2002), Faculty of Agriculture, Assiut University, EGYPT, 2002.
- Two weeks (fieldwork) at Padova, North Italy with Ismes Company for testing and collecting groundwater data as part of EC Project, ITALY, 1999.
- Two weeks at Tara mines, Ireland for fieldwork and training with water quality instruments, IRELAND, 1998.
- Training on GIS and Upgrading Course Materials”, (12-26/7/1995), York University, ENGLAND, 1995.
- A workshop on “Geographic Information Systems with Environmental Applications”, 23-27/9/1995, Remote Sensing Centre, Assiut University, Assiut, EGYPT, 1995.
- 5-day Entec Workshop on “Environmental Impact Assessment in Practice” (3-8 September 1995), Organized by Egyptian Environmental Affairs Agency (EEAA), Cairo EGYPT, 1995.
- A workshop on “Geographic Information Systems and Their Applications” 21-24/8/1995, The Institute of Graduate Studies and Research, Alexandria University, EGYPT, 1995.
- A workshop on “Land-use Mapping with GPS & Remote Sensing and GIS Techniques”, 27-30/6/1994, Remote Sensing Centre, Assiut University, Assiut, EGYPT, 1994.
- A workshop on “Remote Sensing Techniques & Applications” April 1994, The Institute of Graduate Studies and Research, Alexandria University, EGYPT, 1994.

- “Remote Sensing and Geographic Information Systems” summer course 3-28/7/1993), Med-Campus Project # 11, University of York, ENGLAND, 1993.
- “Environmental Management”, A course organized from 29/7 till 24/9/1993 with Hunting Technical services Co. and The University of York, ENGLAND, 1993.
- Short course in “Remote Sensing and Geographic Information Systems” 4-24/1/1993, Remote Sensing Centre, Assiut University, Assiut, EGYPT, 1993.
- “CDS/ISIS” A course organized by: Egyptian National Scientific & Technical Information Network, 20-24/12/1992, Cairo, EGYPT, 1992.
- “BRS/Search” A course organized by: Egyptian National Scientific & Technical Information Network, 1-5/3/1992, Cairo, EGYPT, 1992.
- “Fundamental of UNIX Operating System”. A course conducted by Egyptian National Scientific & Technical Information Network, 16-29/2/1992, Cairo, EGYPT, 1992.
- Six weeks (from July 1st to August 14th, 1984) to get some technical experience in copper mines, CYPRUS.
- Six weeks (from July 1st to August 14th, 1983) in order to get some technical experience with RODIS Industrial and Mining Association, YOGOSLAVIA, 1983.

Courses and Presentations to Industry and Society

- “*Production Management and GIS*” A short course given to Egyptian Cement Company, Suez, Egypt, 26-28 April 2005.
- “*Management of Industrial Liquid Wastes*” A lecture given to Four Stars Company, Assiut, Egypt, 29 March 2005.
- “*Water Quality and Environmental Issues at the Nile River*” A lecture to Amarco tourist-boat at Aswan, Egypt, 17 March 2005.
- “*Water Quality and Environmental Issues at the Nile River*” A lecture to three crews of tourist-boats at Aswan, Egypt, 10 February 2005.
- “*Geographic Information Systems and its Applications in Environmental Studies*” A lecture given to a group of engineers and technicians at The New Electrical Station at Walidia - Assiut, as part of (Environmental Impacts of Electrical Power Stations) Assiut, Egypt, 29-31 January 2005.
- “*Geographic Information Systems and its Applications*” A lecture given in the workshop held at Geology Department, Faculty of Science, Assiut University, 12-14 April 2005.
- “*Treatment of Industrial Solid Wastes*” A lecture given to a group of engineers and technicians at Edfu Sugar factory, Edfu, Aswan, Egypt, 5 November 2004.

- *“New Techniques for Monitoring Water Quality Parameters”* A lecture given to a group of engineers and technicians at Egypt Aluminum company, Nag Hammady, Qena, Egypt, 13 October 2004.
- *“Management of Industrial Wastes”* A lecture given to a group of engineers and technicians at Arab Contractors company, Menya branch, Menya, Egypt, 5 October 2004.
- *“Water Quality and Industrial Pollution”* A lecture given to different groups of engineers and technicians at CEMEX cement factory, Assiut, August, and October 2004.
- *“Industrial Waste Recycle”* A lecture given to a group of engineers and technicians at ORASCOM company, as part of a training course, Nag Hammady, Egypt, 28 August 2004.
- *“Mining and Its Environmental Impacts”* A lecture given to the workshop on Land-use Mapping with GPS & Remote Sensing and GIS Techniques”, 24-28/6/1995, Remote Sensing Centre, Assiut University, Assiut, EGYPT, 1995.
- Producing Surveying Maps for El-Kaouther Zone at Sohage Governorate, as part of the developing program, 14-30/8/1994, Sohage, EGYPT, 1994.
- Preparing a course material in *“Environmental Impact of Mining Areas”*, as a part of the Med-Campus Project # 11, (14/7 - 12/8/1994), York, ENGLAND.

Proposals for Enhancing Educational Quality and Academic Industry Partnership

- *“Strategic Plan Unit at College of Engineering”*, A proposal submitted to the College of Engineering, Board of Directors, to establish a SPU at the college that would take responsibility to plan for the future of the College (2010).
- *“Development of University Industry Partnership in Al Majmaah”* A proposal submitted to Majmaah University on May 2010. The main objective is to build a trust between the University and the industry and get the two sides cooperating together for the benefit of the Zone and Country.
- Co-coordinator of a proposal written to the college of engineering, Majmaah University to apply for *ISO certification* in November 2011. The proposal aims to:
 - Standardize the academic processes in the college. This will ensure that the quality and related systems are maintained right from the beginning. It will also ensure that all concerned have the same focus with regards quality.
 - Implementing a Quality Management System (QMS) for complying with the ISO-9001 (2008-E) standards.
 - Carry out internal audits and Management review during the second semester of 2011.

- Leader of the "Study Plan Committee" for college of Engineering - Majmaah University (2012-2013).

دورات تدريبية لتنمية قدرات أعضاء هيئة التدريس

- ورشة عمل " مؤشرات الأداء الرئيسية – القياس والتحليل " لأعضاء هيئة التدريس بجامعة المجمعة – 22 فبراير 2021. (اعداد والقاء).
- ورشة عمل " قياس مؤشرات الأداء في التعليم عن بعد" لأعضاء هيئة التدريس كلية الهندسة – جامعة المجمعة – 18 فبراير 2021 (اعداد والقاء).
- دورة تدريبية - تأهيل فرق المراجعة الداخلية للبرامج الاكاديمية (4 ساعات) - جامعة المجمعة- 1-7-1441 هـ - عمادة الجودة وتطوير المهارات.
- دورة تدريبية - المراجعة الداخلية للبرامج الاكاديمية (4 ساعات) - جامعة المجمعة- 23-3-1441 هـ - عمادة الجودة وتطوير المهارات.
- دورة تدريبية - قياس مؤشرات الأداء المرجعية (4 ساعات) - جامعة المجمعة- 24-3-1440 هـ - عمادة الجودة وتطوير المهارات.
- ورشة عمل " الادوات المستخدمة في قياس مؤشرات الاداء بين التطوير والتغيير" - جامعة المجمعة – 26-2-2019
- ورشة عمل " أتممة اداة القياس والتقويم والتميز: التطلعات والتحديات" جامعة المجمعة – 1-11-2018
- ورشة عمل " التقويم والقياس – الواقع والمأمول" – جامعة المجمعة – 23/22-3-2018
- ورشة عمل " اعداد الدراسة الذاتية للبرنامج " – جامعة المجمعة – 22-23 مارس 2017.
- ورشة عمل " التميز في التعليم والتعلم رؤى وتجارب" – جامعة المجمعة – 17 ابريل 2016.
- "تنظيم المؤتمرات العلمية " وحدة تنمية قدرات اعضاء هيئة التدريس - جامعة اسيوط- 20-22/7/2013.
- "نظم الامتحانات وتقويم الطلاب" وحدة تنمية قدرات اعضاء هيئة التدريس - جامعة اسيوط- 13-15/7/2013.
- "إعداد الاختبارات النهائية" عمادة الجودة وتطوير المهارات – لرؤساء الأقسام وأعضاء الهيئة التدريسية - جامعة المجمعة- 28-30/4/2012.
- "الاتجاهات الحديثة في التدريس والتقويم" عمادة الجودة وتطوير المهارات – لرؤساء وحدات الجودة ورؤساء الأقسام وأعضاء هيئة التدريس - جامعة المجمعة- 21-23/4/2012.
- "حل المشكلات واتخاذ القرارات" عمادة الجودة وتطوير المهارات – لرؤساء وحدات الجودة ورؤساء الأقسام وأعضاء هيئة التدريس - جامعة المجمعة- 7-9/4/2012.
- "تحفيز الطلاب على التعلم" عمادة الجودة وتطوير المهارات – لرؤساء وحدات الجودة ورؤساء الأقسام وأعضاء هيئة التدريس - جامعة المجمعة – 10-12/3/2012.
- "التعليم المبني على حل المشكلات" عمادة الجودة وتطوير المهارات – لرؤساء وحدات الجودة ورؤساء الأقسام وأعضاء هيئة التدريس - جامعة المجمعة – 3-6/3/2012.
- "تدريب المدربين TOT" عمادة خدمة المجتمع والتعليم المستمر – بالتعاون مع مركز حلول للاستشارات والتدريب - جامعة المجمعة – 25-28/6/1432 هـ.
- "بناء الخطط الدراسية وتطويرها" عمادة الجودة وتطوير المهارات – لرؤساء وحدات الجودة ورؤساء الأقسام وأعضاء هيئة التدريس - جامعة المجمعة – 5-6/3/2011.
- "الاستخدام الفعال للفصول الذكية – عمادة تطوير المهارات – وعمادة التعلم الإلكتروني والتعلم عن بعد – جامعة الملك سعود – الرياض – 12/7/2009.
- "المشاركة في وحدة تطوير التعليم الجامعي" كلية الهندسة – جامعة أسيوط". 2008.
- "معايير الجودة في العملية التدريسية" جامعة أسيوط – الفترة من 3 – 5/5/2008.
- "كيف تكتب مشروعا بحثيا تنافسيا" جامعة أسيوط - الفترة من 29 – 31/3/2008.

- "التدريس باستخدام التكنولوجيا" جامعة أسيوط - الفترة من 3 - 2007/2/5.
- "إعدادات كتابة البحوث العلمية ونشرها دولياً" جامعة أسيوط - الفترة من 27 - 2007/1/29.
- "متطلبات النشر الإلكتروني" مشروع النشر الإلكتروني بجامعة أسيوط الفترة من 23 - 2005/7/27.
- "الاتجاهات الحديثة في التدريس" جامعة أسيوط - الفترة من 9 - 2005/7/12.
- "تنمية مهارات رعاية الشباب" جامعة أسيوط - الفترة من 1 - 2005/1/2.
- "آداب وأخلاقيات المهنة" جامعة أسيوط - الفترة من 25 - 2004/10/27.
- "دورة إعداد المعلم - أصول التدريس العامة والخاصة" جامعة أسيوط - الفترة من 19 - 1987/9/24.

Engineering and Academic Experience

Since 2009 - till now

**ASSOCIATE PROFESSOR,
Civil Engineering Department, Engineering College, Majmaah
University, Saudi Arabia**

- Lecturing different courses for undergraduates.
- Head of the civil engineering department.
- Member of the College Board.
- Head of many tender/technical committees in Majmaah University.
- Advising students concerning professional, academic, and related issues.
- Assisting the department in student recruitment and placement.
- Assisting in curriculum review, revision and development of the department study plan.
- Developing new course materials and innovative teaching. Techniques to facilitate learning.
- Founding new department's labs.
- In charge of holding interviews for many lecturers and demonstrators for the department.
- Preparing and writing the yearly report about the college activities.

2005-2008

**ASSISSTANT PROFESSORS,
Civil Engineering Department, Engineering College, El Mergeb
University, Libya**

- Lecturing different courses for undergraduates such as Surveying-1, Soil Mechanics-1, GIS, Remote Sensing and Environmental Impact Assessment.
- Coordinator of Surveying Sector.
- Member of the Department Board.
- Advising students concerning professional, academic, and related issues.
- Assisting the department in student recruitment and placement.

- Assisting in curriculum review, revision and development of the department study plan.
- Developing new course materials for EIA and GIS.
- Founding new Surveying lab.
- Supervising 9 graduation projects.

2001- 2005

**ASSISTANT PROFESSOR,
Mining and Metallurgical Engineering Department, Faculty of
Engineering, Assiut University, Assiut, Egypt**

- Lecturing different courses such as, Engineering Geology, GIS, Surveying and Project Management.
- Member of the department board.
- Developing new course syllabi and materials.
- Founding new department's labs.

2004- 2005

**A member of Board of Directors of Sinai Coal Company, from
26/5/2004 till 22/9/2005.**

- Evaluating the present situation of the company and revising the problem of groundwater in the coal mine.

1991 - 1995

**ASSISTANT LECTURERS,
Mining and Metallurgical Engineering Department, Faculty of
Engineering, Assiut University, Assiut, Egypt**

- Assisting in teaching different courses such as, Engineering Geology, Surveying 1 & 2, Rock Mechanics 1 & 2, Mine economics, and Surveying Projects.

1986 - 1991

**DEMONSTRATOR,
Mining and Metallurgical Engineering Department, Faculty of
Engineering, Assiut University, Assiut, Egypt**

- Assisting in teaching different courses such as, Engineering Geology, Surveying 1, Rock Mechanics 1, Mine economics, and Surveying Projects.

Publications

- Sameh S. Ahmed**, Rekha Bali, Hasim Khan, Hassan I Mohamed and Sunil K Sharma (2021) " *Improved water resource management framework for water sustainability and security* " Environmental Research, ELSEVIER, Published online 21 June 2021, Vol 201, Oct. 2021, 111527, pp (1-10), <https://doi.org/10.1016/j.envres.2021.111527>. **Q1, IF: 5.715**
- Dalal Z Husien, Mohammad Kashif Uddin, Mohammed Omaish Ansari and **Sameh S. Ahmed**, (2021) "*Green synthesis, characterization, application and functionality of nitrogen-doped MgO/graphene nanocomposite*" Environmental Science and Pollution Research, a

- Springer, Published online 1 February 2021, pp (1-10), ISI- Q2. <https://doi.org/10.1007/s11356-021-12628-z>. Q2, IF: 2.421
- Sunil Kumar Sharma, Waseem A. Khan, Serkan Araci and **Sameh S. Ahmed**, (2020) "New construction of type 2 degenerate central Fubini polynomials with their certain properties" *Advances in Difference Equations*, a Springer Open Journal, Article number: 587 (2020). Published online 19 October 2020, pp(1-11), Q1:24/260 or 14/324, IF: 2.421. <https://doi.org/10.1186/s13662-020-03055-4>.
 - **S. S. Ahmed** and A. M. Gadelmoula, (2020) "Industrial noise monitoring using noise mapping technique: a case study on a concrete block-making factory" *Int. J. Environ. Sci. Technol.*: Published online 19 October 2020, pp (1-12), DOI: 10.1007/s13762-020-02982-9, 40, Q2, IF: 2.54, <https://doi.org/10.1007/s13762-020-02982-9>
 - Enamullah Enamullah, Sunil Sharma, and **Sameh S. Ahmed**, (2020) "Transport properties of RuV-based half-Hesuler semiconductors for thermoelectric applications: A computational study" *J. Phys.: Condens. Matter* Vol. 32 Number 40, 405501. Published online 25 June 2020. 405501 (9pp), Q1, IF: 2.711. <https://doi.org/10.1088/1361-648X/ab96f0>
 - Muhammad Tariq, Mamriz Muhammad, Jehangeer Khan, Abdul Raziq, Mohammad Kashif Uddin, Abdul Niaz, **Sameh Ahmed**, and Abdur Rahim (2020) "Removal of Rhodamine B Dye from Aqueous Solutions using photo-Fenton processes and novel Ni-Cu@MWCNTs Photocatalyst", *Journal of Molecular Liquids*, Vol. 312, pp 1-10, ELSEVIER, August 2020, Q1, IF: 4.561.
 - Sunil Kumar Sharma, Arun Kumar Singh, Sampad Kumar Panda and **Sameh S. Ahmed**, (2020) "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" *Astrophys Space Sci* (2020). 365:35, <https://doi.org/10.1007/s10509-020-3747-1>. Published online, Springer, 17 Feb. 2020. IF: 1.681, Q3:17/54.
 - **Sameh S. Ahmed** and Yousef H Okour, (2019) "Proposed Procedures to Mitigate the Environmental Impacts at Industrial Cities: A Case Study of Sudair City, KSA" *International Conference on Water, Energy and Environment (ICWEE 2019)*, 26-28 March, 2019, American University at Sharjah, UAE.
 - Ahmed G Abokhalil and **Sameh S. Ahmed**, (2019) " Assessment of the Impact and Efficiency of Green Building Development in Middle East" *International Conference on Water, Energy and Environment (ICWEE 2019)*, 26-28 March, 2019, American University at Sharjah, UAE.
 - Mohammad Kashif Uddin, **Sameh S. Ahmed** and Mu Naushad, (2019) "A mini update on fluoride adsorption from aqueous medium using clay materials" *Desalination and Water Treatment*, (2019). DESALINATION PUBL, Vol. 145, pp. 232-248. Q3, IF: 1.234
 - Yousef H Okour, **Sameh S. Ahmed**, (2018) "An effective method of wastewater treatment using titanium salt and a coagulant aid of chitosan", *Water and Environment Journal*, (2018); doi:10.1111/wej.12414, ISSN 1747-6585, 1-9. WILEY, Q3., IF: 1.92.
 - **Sameh S. Ahmed**, (2017) "Assessment of Groundwater Quality Parameters Using Multivariate Statistics- A Case Study of Majmaah, KSA", *International Journal of Environmental Monitoring and Analysis*, (2017); 5(2) 32-40.
 - Ahmed G. Abo-Khalil and **Sameh S. Ahmed**, (2016) "Water-Pumping Using Powered Solar System - More than an Environmentally Alternative: the Case of Toshka, Egypt", *Journal of Energy and Natural Resources*, doi: 10.11648/j.jenr.s.2016050101.14, ISSN: 2330-7366 (Print); ISSN: 2330-7404, (2016); 5(1-1): 19-25.

- Yousef H. Okour and **Sameh S. Ahmed**: “Production of Titania Nano-particles from Waste-Sludge”, The Third International Conference on Water, Energy and Environment (ICWEE) , American University of Sharjah, AUS, 24-26 March 2015.
- Yousef H. Okour and **Sameh S. Ahmed**: “Recovery of Titania from Waste-Sludge of Majmaah Water Treatment Plant”, The Third International Conference on Water, Energy and Environment (ICWEE), American University of Sharjah, AUS, 24-26 March 2015.
- **Sameh S. Ahmed**, Yousef H. Okour and Eyad Haj Said: “A Methodology Based on Advanced Modeling Techniques for Groundwater Monitoring and Management-Part A”, International Journal for Research and Development: 2014: Vol (3) Issue (1), 6-12, Jan 2015.
- **Sameh S. Ahmed** and Mahmoud T. Azmi: “A Precise Methodology Integrates Low-cost GPS data and GIS for Monitoring Groundwater Quality Parameters in Majmaah Region, KSA”, International Journal of Environmental Monitoring and Analysis: 2014: 2 (5): 279-288, November 2014.
- Ahmed G. Abu Khalil and **Sameh S. Ahmed**: “A New Approach to Improve the Energy Efficiency of Middle-East Buildings” the 7th conference on Future of Renewable and New Energy in the Arab World, Assiut University, Assiut, Egypt, 12-14 February 2013.
- Mohamed, H. I. and **Ahmed, S. S.**: “Assessment of Hydraulic Performance of Groundwater Recharge Techniques”, the 5th International Conference on Water Resources and Arid Environments (ICWRAE 5): 182-186, 7-9 January 2013, Riyadh, Saudi Arabia.
- H.I. Mohamed, **Sameh S. Ahmed**, (2011):“Effect of Water Supply Pipe Networks Simplification on Water Quality Simulation” International Conference on Water, Energy and Environment (ICWEE 2011), 14-17 November 2011, at the American University of Sharjah, UAE, (2011).
- **Sameh S. Ahmed** and Hassan I. Mohamed, (2011): “A Digital Model for 3D Characterization of Groundwater Quality Parameters around a Landfill Site”, the 4th Kuwait Waste Management Conference & Exhibition, Kuwait 17-18 October (2011).
- Hassan I. Mohamed and **Sameh S. Ahmed**, (2011): “Future of on-site Treatment and Reuse of Groundwater”, the 4th Kuwait Waste Management Conference & Exhibition, Kuwait 17-18 October (2011).
- **Sameh S. Ahmed**, M.R. El Tahlawi, (2011):“Environmental Impacts of Mining Operations: a Case Study: Monitoring the Impacts of Abu Tartour Phosphate Mine, Egypt” The International Journal of Environmental Protection (IJEP) , Vol. 1 No. 4, 2011, PP. 1-6.
- **Sameh S. Ahmed**, M.Z. Rashad, and M.R. El Tahlawi, (2011):“Monitoring the Changes in the Water Quality Parameters Using Geostatistics Techniques” The International Workshop on Civil Engineering and Urban Planning (WCEUP 2011), July 26-28, 2011 in Hangzhou, China.
- **S.S. Ahmed**, H.I. Mohamed, and S.M. Ahmed, (2011):“Effect of water quality on the corrosion of carbon steel in North Riyadh, Saudi Arabia” (Accepted in Water Resources Management 23 - 25 May, 2011, Riverside, California, USA).
- Hassan I. Mohamed and **Sameh S. Ahmed**, (2010): “Management of Industrial Wastewater using Internal Water Recycle”, The 3rd Kuwait Waste Management Conference & Exhibition, Kuwait 6-8 April (2010).

- **Sameh S. Ahmed, (2009):** "Modeling Soil Data for Better Characterization of Groundwater Quality Parameters." International Conference on Land Degradation in Dry Environment, Kuwait University, Kuwait 9-14 March 2009.
- M.R. El Tahlawi, A.A. Farrag and **S.S. Ahmed, (2008):** "Groundwater of Egypt – an Environmental Overview", Environmental Geology, Springer-Brine, 55- 639-652 (2008) Impact Factor 2008 1.026, Q3.
- M.Z. Rashad, **S.S. Ahmed**, M.R. El Tahlawi and A.A. Armia, **(2008):** "Estimation of Reserves and Average Assay of EL Shagara Gold Mine, Eastern Desert, EGYPT using Kriging Techniques", The 9th International Conference on the Geology of the Arab World, "GAW9", 24 - 27 March 2008 ,Cairo University, Cairo, Egypt.
- M.M. Ahmed and **S.S. Ahmed, (2008):**"A Comparison Study to Determine the Mean of Particle Size Distribution for Truthful Characterization of Environmental Data, Part (1)". Journal of Engineering Sciences (JES), Assiut University, Assiut, Egypt, Vol. 36, No. 1, pp. 133-154, January 2008.
- **S.S. Ahmed**, M.R. El Tahlawi, M.Z. Rashad and H.A. Saleem, **(2007):** "Kriging Techniques and GIS for Management of Phosphate Extraction at Hagaria District, Egypt", Journal of Engineering Sciences (JES), Assiut University, Assiut, Egypt, Vol. 35, No. 6, pp. 1559-1574, November 2007.
- **Sameh S. Ahmed** and S. Durucan, **(2007):** "Determine of the Optimum Sampling Frequency for Groundwater Quality Parameters", Journal of Engineering Sciences (JES), Assiut University, Assiut, Egypt, Vol. 35, No. 6, pp. 1541-1558, November 2007.
- Mustafa A. El Mosbahy and **Sameh S. Ahmed, (2007):** "A New Integral Airframe Structures (IAS) for Reducing Manufacturing Costs" The 3rd Arab –African Aviation Conference, Tripoli, Libya, 29-31 October 2007.
- M.Z. Rashad, **S.S. Ahmed**, M.R. El Tahlawi and A.A. Armia, **(2007):** "Selection of Variogram Model for El Shagara Gold Mine, Eastern Desert, Egypt", the 10th International Mining, Petroleum and Metallurgical Engineering Conference (MPM), March 6-8, 2007, Assiut, Egypt, M-11, pp. 32-44.
- **S.S. Ahmed**, M.R. El Tahlawi, M.Z. Rashad and H.A. Saleem, **(2006):** "Using Indicator Kriging and GIS for Mapping Phosphate Grades at Qurayat District, Egypt", Journal of Engineering Sciences (JES), Assiut University, Assiut, Egypt, Vol. 36, No. 2, pp. 185-197, November 2006.
- **Sameh S. Ahmed** and M. Hashem, **(2006):** "Groundwater Evaluation in Al-Gofra Oasis, Middle Libya Using Statistical Methods", Journal of Engineering Sciences (JES), Assiut University, Assiut, Egypt, Vol. 34, No. 5, pp. 1363-1375, September, 2006.
- M.R. El Tahlawi, and **Sameh S. Ahmed, (2006):** "Environmental Impacts of Mining Operations With a Case Study of Abu Tartour Mine, Egypt", The 3rd International Conference for Development and Environment in the Arab World, March 21-23, 2006, Assiut, Egypt, pp. 339-355.
- M.R. El Tahlawi, A.A. Farrag and **S.S. Ahmed, (2005):**" Groundwater of Egypt – An Environmental Overview", Assiut University Centre for Environmental Studies, (AUCES), Number (6), November 2005, Assiut, Egypt, 47P.

- **Sameh S. Ahmed**, M.R. El Tahlawi, and M.Z. Rashad, (2005): "Development of a Mining Information System in Egypt, an Application of GIS", the 3rd Conference on Documentation & Electronic Archiving "Knowledge Investment & Management for Decision Support" 17-19 September 2005, Dubai, UAE.
- **Sameh S. Ahmed**, M.Z. Rashad, and M.R. El Tahlawi, (2005): "Geostatistics As A Useful Technique for Monitoring The Changes in The Water Quality Parameters" The 9th International Mining, Petroleum, and Metallurgical Engineering Conference (MPM), February 21-24, 2005, Cairo, Egypt, pp. 1-14.
- M.R. El Tahlawi, M.Z. Rashad, **Sameh S. Ahmed**, and U. El Mokadum, (2004): "Development of a Mining Information System (MIS) in Egypt: Computer Aided" Al Azher Engineering Eighth International Conference, December 24-27, 2004, Cairo, Egypt, and Published in Al-Azhar University Engineering Journal, AUEJ, Vol. 8, No. 4, Jan. 2005, pp. 27-37.
- M.R. El Tahlawi, M.Z. Rashad and **Sameh S. Ahmed**, (2004): "Computer Software for Ore Reserve Estimation - A Case Study of El Maghara Coal Mine, Egypt" The 4th Jordanian International Mining Conference, 27-30 September 2004, Amman, Jordan, pp. 1-16.
- **Sameh S. Ahmed**, (2003): "Environmental Issues During the Extraction of Phosphate Ore at Abu-Tartour Mine, Egypt" The 18th International Mining Congress and Exhibition of Turkey, June 10-13, 2003, Antalya, Turkey.
- H.G. Ibrahim and **Sameh S. Ahmed**, (2003): "Environmental Assessment of the Urban Regions at Industrial Desert Societies, A Case Study: Abu Tartour Mining Area, Egypt" The 5Th International Architectural Conference on Urbanization and Environment (Theory and Applications), 20-22 April, 2003, Department of Architecture, Faculty of Engineering, Assiut University, Egypt, pp. 39-53.
- **Sameh S. Ahmed**, (2003): "A Digital Model Based on the Multiquadric Technique for 3D Characterization of Groundwater Quality Parameters" The 8th International Conference on Mining, Petroleum and Metallurgy Engineering (MPM), March 17-19, 2003, Suez, Egypt, pp. 328-339.
- O'Neil D., S. Durucan, A. Korre and **S.S. Ahmed**, (2000): "Development and Field Implementation of a New Generation of Penetrometric Sampling System" (2000): International Journal of Surface Mining, Reclamation and Environment, 14 (2000): 235-249.
- **Sameh S. Ahmed**, (2000): "A Digital Model Based on the Multiquadric Technique for Three-Dimensional Characterization of Groundwater Quality Variables" (2000): ENVIRONSOFIT 2000, eighth International Conference, 28-30 June 2000, Bilbao, Spain, (Abstract).
- **Sameh S. Ahmed** and S. Durucan, (1999): "Environmental Issues in the Extraction of Phosphate Ore from Abu Tartour Mine, Egypt" International Conference of Mining and Environment, Ukraine.
- M.Z. Rashad, M.R. El Tahlawi and **Sameh S. Ahmed** (1991): "Modification of Conical Model Compatible with Mining Computations" (1991): ASPRS-ACSM Technical Papers, pp., A-144 to A-152 American Congress on Surveying and Mapping, Atlanta, Georgia, 1991, USA.

- M.Z. Rashad, M.R. El Tahlawi and **Sameh S. Ahmed (1989)**: “*Earthwork Calculations from Digital Terrain Models*”, ASPRS-ACSM Technical Papers, pp., 7-15. American Congress on Surveying and Mapping, Cleveland, Ohio, September 17-21, 1989, USA.

كتاب "مقدمة في الجيولوجيا العامة والهندسية"، 2004 (الطبعة الأولى)، بالاشتراك مع أ.د. محمد رجائي الطحلاوي، الناشر: مطابع جامعة أسيوط - 221 ص. الترقيم الدولي: 977-246-056-4. (الطبعة الثانية - معدلة) 2006، بالاشتراك مع أ.د. محمد رجائي الطحلاوي و د. عبد الناصر محمد عبد الرحمن - 259 ص. (الطبعة الخامسة) 2010. (الطبعة السادسة) 2012.

Sameh Ahmed, (2015): “Characterization of Groundwater Quality Parameters using Geostatistics”, LAP LAMBERT Academic Publishing, Schaltungsdienst Lange o.H.G., Berlin, 230P, ISBN: 978-3-659-57074-2

Teaching

A. Undergraduate Courses Taught

• “Mine Surveying Project”	3rd year Mining	(2001 - 2005)
• “Mining Engineering Projects”	4th year Mining	(2002 - 2005)
• “Management of Mining Projects”	4th year Mining	(2002 - 2004)
• “Introduction to Multivariate Statistics”	4th year Mining	(2002 - 2005)
• “Application of Computer in Mining”	4th year Mining	(2002 - 2005)
• “Mining Geology (1)”	2nd year Mining	(2001 - 2005)
• “Engineering Geology”	1st year Mining	(2002 - 2008)
• “Engineering Geology - CE281 &CE101”	4th level Civil	(2011 - 2014)
• “Geology for Civil Engineering -CE0295”	4th level Civil	(2005 - 2007)
• “Mathematics I - GS 0111”	Preparatory year	(2005 - autumn)
• “Soil Mechanics 1 - CE0331”	5th semester Civil	(2005 - 2006)
• “Environmental Impact Assessment”	9th semester Civil	(2005 - spring)
• “Environmental Engineering 1 - CE0351”	6th semester Civil	(2006 - autumn)
• “Environmental Management - CE0450”	9th semester Civil	(2006 - autumn)
• “Surveying 1 - CE0241”	3rd semester Arch.	(2005 - 2007 & 2011)
• “Surveying 1 - CE211 and CE 370”	4th level Civil	(2011- 2020)
• “Remote Sensing - CE0460”	8th semester Civil	(2006 - 2007)
• “Photogrammetric Eng.”	7th semester Civil	(2006 - 2007)
• “Computer Applications in Surveying”	8th semester Civil	(2006 - 2007)
• “GIS - CE0461”	8th semester Civil	(2006 - spring)
• “Project Work - CE0599”	10th semester Civil	(2006 - 2008)
• “Basics of Statistics and Probability”	1st level, Engineering	(2009 - 2012)
• “Differential Calculus - MATH 105”	2nd level Engineering	(2009)
• “Report Writing - ENG 124”	3rd level Engineering	(2009 - 2010)
• “Study Skills - SKL 001”	Preparatory year, Eng.	(2010)
• “Environmental Eng. I - CE 360”	7 th Level Civil	(2012-2016)
• “Soil Mechanics & Foundation 1 - CE210”	5th semester Civil	(2012-2014)
• “Photogrammetry” - CE 474	9th semester Civil	(2013-2019)

- "Engineering Report Writing"-GE 306 7th level, Engineering (2013-2015)
- "Senior Design -1" - CE 498 9th semester Civil (2013-till now)
- "Senior Design -2" - CE 499 10th semester Civil (2014-till now)
- "Surveying 2" CE 371 7th semester Civil (2014 -2020)
- "Properties of Materials " CE 212 6th semester Civil (2016 -Summer)
- "Soil Mechanics and Foundations 2 "CE 311 7th semester Civil (2016 -Summer)

B. Graduate Courses Taught

- | | | |
|--|----------------|---------------|
| (1) "Geographic Information Systems" | M. Sc. Course | (2002 - 2005) |
| (2) "Environmental Impact Assessment" | M. Sc. Course | (2002 - 2003) |
| (3) "Pollution from Industrial Operations" | Diploma Course | (2003 - 2004) |
| (4) "Multivariate Statistics" | Diploma Course | (2004 - 2005) |

Presentations

Education Based Presentations

- Study Civil Engineering, SA, (2010).
- Preparing a New Study Plan, SA, (2010).

Engineering Based Presentations

- "Workshop: Course Portfolio and Course Report", (2016). A presentation given in a workshop to faculty members at College of Engineering - MU, 18-5-2016.
- "Curriculum Developments Process", (2016). A presentation given in a workshop to faculty members at College of Engineering - MU, 3-5-2016.
- "Quality Assurance Unit (QAU)", (2016). A presentation given to faculty members at College of Engineering - MU, 25-1-2016.
- The 6th Kuwait Waste Management Conference & Exhibition, Kuwait, (2014). "Dewatering and Recycling of Underground Mining Waters" Speaker, 16-17 April 2014.
- The 4th Kuwait Waste Management Conference & Exhibition, Kuwait (2011). "Future of on-site Treatment and Reuse of Gray water", 18-19 October 2011.
- The 3rd Kuwait Waste Management Conference & Exhibition, Kuwait, (2010). "Management of Industrial Wastewater using Internal Water Recycle", 6-8 April 2010.
- International Conference on Land Degradation in Dry Environment, Kuwait (2009). "Modeling Soil Data for Better Characterization of Groundwater Quality Parameters" Kuwait University, 8-14 March 2009.
- The 9th International Conference on the Geology of the Arab World, "GAW9", Cairo, Egypt, 2008.

- The 3rd Arab -African Aviation Conference, Tripoli, Libya, 2007
- The 10th International Mining, Petroleum and Metallurgical Engineering Conference, Assiut, Egypt, 2007.
- The 3rd International Conference for Development and Environment in the Arab World, Assiut, Egypt, 2006.
- The 3rd Conference on Documentation & Electronic Archiving “Knowledge Investment & Management for Decision Support”, Dubai, UAE, 2005.
- The 9th International Mining, Petroleum, and Metallurgical Engineering Conference (MPM), Cairo, Egypt, 2005.
- Al Azher Engineering Eighth International Conference, Cairo, Egypt, 2004.
- The 4th Jordanian International Mining Conference, Amman, Jordan, 2004.
- The 8th International Conference on Mining, Petroleum and Metallurgy Engineering (MPM), Suez, Egypt, 2003.

Organizations and Activities

- **Head of the Assessment and Evaluation Unit** - College of Engineering, Majmaah University (for the academic year 2015/2018). [Administrative Order 24].
- **Head of the Unit of Excellence in Teaching and Learning**, College of Engineering, Majmaah University (for the academic year 2015/2016). [Administrative Order 24].
- **Head of the Unit of Alumni Affairs**, College of Engineering, Majmaah University (for the academic year 2015/2016). [Administrative Order 15].
- **Member of the board of the “Engineering and Applied Sciences Research Centre”**, College of Engineering, Majmaah University (for the academic year 2015/2016).
- **Member of the board of the “Publishing and Translating Centre”**, Deanship of Graduate Studies and Scientific Research, Majmaah University (2014/2016).
- **Member of the Student Conduct Committee**, College of Engineering, Majmaah University (for the academic year 2015/2016). [Administrative Order 7].
- **Member of the Academic Accreditation Steering Committee**, College of Engineering, Majmaah University (for the academic year 2015/2016). [Administrative Order 10].
- **Member of the Engineering Practice Committee**, College of Engineering, Majmaah University (for the academic year 2015/2016). [Administrative Order 11].
- **Member of the Committee of Strategic Planning and Implementation**, College of Engineering, Majmaah University (for the academic year 2015/2016). [Administrative Order 12].
- **Member of the Committee of Academic Affairs and Promotion**, College of Engineering, Majmaah University (for the academic year 2015/2016). [Administrative Order 18].

- **Member of the Program and Study Plans Unit**, College of Engineering, Majmaah University (for the academic year 2015/2016). [Administrative Order 22].
- **Member of Development of Scientific Programs Committee**, Majmaah University (Feb., 2014-2015).
- **Member of Planning and Follow Up Committee**, Majmaah University (Nov., 2013-2014).
- **Head of the Quality Unit**, Civil and Environmental Engineering Department, MU, KSA (2012-till now).
- **Head of the Unit of Student Training, Professional Development and Lifelong Learning**, College of Engineering, Majmaah University, 2013- 2014.
- **Head of the Conferences, Training Courses and Community Services**, College of Engineering, Majmaah University, 2012.
- **Head of Academic Guidance Unit**, College of Engineering, Majmaah University, (2010-2011).
- **Head of Academic Study Plan Committee**, College of Engineering, Majmaah University, (2010-2011).
- **Head of the college's Registration and Time-Table Committee**, College of Engineering, Majmaah University, (2010-2011).
- **Officer of Students' activities**, College of Engineering, Majmaah University, (2010).
- **Representative** of the department in the updating committee for reviewing and feed the departmental Bylaws into the Electronic Management Project, Faculty of Engineering, Assiut University, (2008-2009).
- **Officer of Social, Sports and Culture activities**, Faculty of Engineering, Assiut University, (2003-2005).
- **Member of the preparing committee for the following conferences:**
 - The Forth International Conference for "Mining Petroleum and Metallurgy Engineering", MPM, (5-6/2/1995) Faculty of Engineering, Assiut University, EGYPT.
 - The second International conference for "Environment and Development in Arab Countries" (23-25/3/2004), Assiut, Egypt.
- **Organizer** of four B.Sc. scientific field trips for Mining and Metallurgical Engineering Department, Assiut University, (2001-2005).
- **Administrator** of the computer centre at Mining and Metallurgical Engineering Department, Faculty of Engineering, Assiut University, Egypt, (2002- 2005).
- **Member of the college committee** for preparing a report on: The Self Evaluation Report for Quality Assurance Program, (2002-2003).
- **Chairman of the Egyptian Student Union in UK and Ireland** (700 students), from 1998 -2000.

Engineering Based Projects

Research Project, funded by Engineering and Applied Sciences Research Center, Deanship of Scientific Research, Majmaah University, KSA and/or ODR:

- Sameh Ahmed, PI (2018-2019). A Methodology for Monitoring Noise Pollution and Assessment of its Environmental Impacts: Application on Industrial Zone at KSA. (Completed).
- Sameh Ahmed *et. al.*, (2018) Developing a sustainable waste management system in KSA incorporating Waste to Energy with novel carbon sequestration technology. RDO (Rejected).
- Sameh Ahmed, PI. (2017) Assessment of Water Quality Parameters from Different Resources using Advanced Statistics Methods – A case Study of Majmaah City- KSA" (In Process).
- Sameh Ahmed, CO-PI, (2017) Development of EIA Model to Support Sustainable Development at Sudair Industrial and Business City, KSA (Completed).
- Sameh Ahmed, Co-PI (2014) Recovery of Titania (TiO₂) from Waste-Sludge of Majmaah Water and Wastewater Treatment Plants" (2014-2015).
- Sameh Ahmed, PI, (2013) Establishment of Geographic Information System Supported with Global Positioning System Data for Environmental Studies at Majmaah Region (2013-2014).
- Sameh Ahmed Co-PI (2012) Estimation of Soil Infiltration Capacity and Study the Appropriate Measures for Groundwater Recharge in Majmaah Region, Saudi Arabia (Completed 2012).
- Sameh Ahmed, CO-PI (2012) Study the soil characteristics at Al Ghat dam for dam restoration and rehabilitation (Completed 2012).
- Sameh Ahmed, Co-PI (2011) Corrosion and Portable Water Quality of Majmaah Region, North Riyadh, Saudi Arabia (Completed 2011).

And supervising the following Senior Design Projects:

- One Remote Sensing project, Libya (2008).
- One GIS project, Libya (2007).
- Three Surveying projects, Libya (2007 -2009).
- Four Surveying projects, Assiut, Egypt (2001 -2006).
- Four Mining Engineering projects, Assiut, Egypt (2001 - 2005).
- Six Surveying projects, MU, KSA (2014 -2019).
- Two Environmental Engineering projects, MU, KSA (2015-2017).

Skills

Computer Packages

SaMeH Ahmed Resume

Professional knowledge of Excel, Word, Power point, Access and Microsoft Project Management,

Computer Programming Languages

V.Good at Basic, and FORTRAN 77

Software's

- ✓ A good implementation of a number of software's: (SAS, SPSS, GMS, UNIMAP, MATLAB, StatGraph,
- ✓ GIS software's: (ARC/INFO, ARC/VIEW, ARC/GIS 9, IDRISI, ERDAS and ARC/MAP, SURFER 8, Autodesk land Desktop 2006, AutoCAD
- ✓ Geostatistics software's: GSLIB, VARIOWIN, and GEOSTAT.
- ✓ Macromedia Flash, Microsoft FrontPage, Adobe Photoshop and Audio-Video.

Languages

Fluent in English and Arabic is the mother tongue.

Awards

- Leading Civil Engineering Program (Quality head) for NCAAA accreditation May 2021.
- Rector Prize (first place) as the best academic program in MU, KSA, 28 March 2021.
- Majmaah University Rector award for quality and distinguishing, faculty members. 2020
- The best Senior Design in College of Engineering, 2016.
- The best student scientific paper extracted from Senior Design, MU, April 2016.
- Award from Dean of College of Engineering MU, KSA for outstanding performance during 1436-37 -session. May 2016.
- Fifth rank in the best Faculty website at Majmaah University 2015.
- The best student scientific paper extracted from Senior Design/104 papers, MU, 2014.
- The best Senior Design in College of Engineering, 2015
- Second rank in the best Faculty website at Majmaah University 2013.
- Fifth rank in the best Faculty website at Majmaah University 2012.
- Scholarship for teaching at Mining Engineering Department, Papua New Guinea, March 2008 to November 2008.

Referees

Available upon request