

Yahia Mohamedzein

Associate Professor

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EDUCATION

Ph.D. Civil Engineering (Geotechnical Engineering) Purdue University, Indiana, U.S.A., 1989.
M.Sc Geotechnical Engineering, Purdue University, Indiana, U.S.A., 1984.
B.Sc. Civil Engineering, First Class Honors, University of Khartoum, Khartoum, Sudan, 1982.

ACADEMIC EXPERIENCE

Department of Civil and Architectural Engineering, Sultan Qaboos University, Associate Professor, 2007-2019, Full time

Department of Civil and Architectural Engineering, Sultan Qaboos University, Assistant Professor, 2001-2007, Full time

Visiting Consultant: Department of Civil Engineering and Architectural, Sultan Qaboos University, Al-Khod, Sultanate of Oman (Jan. 2001 to May 2001) , Full time.

Assistant Professor: Department of Civil Engineering, University of Khartoum, Khartoum, Sudan (September 1992 to 2001), Full time.

Teaching Assistant: School of Civil Engineering, Purdue University, West Lafayette, Indiana, U.S.A. (1983 to 1989) , Full time.

Teaching Assistant: Department of Civil Engineering, University of Khartoum, Khartoum, Sudan (1982 to 1983) , Full time.

NON-ACADEMIC EXPERIENCE

Senior Staff Engineer: Woodward-Clyde Consultants, U.S.A., (July 1989 to July 1992), Full time.

CURRENT MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS

Member of the American Society of Civil Engineers (ASCE).

Member of the Sudanese Engineering Society.

Member of the International Society for Soil Mechanics and Geotechnical Engineering (ISSMGE).

HONORS AND AWARDS

David Ross Summer Grant, Purdue University, West Lafayette, Indiana, U.S.A., 1988, 1986..

MSc and PhD scholarship, University of Khartoum, 1985-1989.

A number of undergraduate prizes at University of Khartoum, in 1981 and 1982 (e.g..Merghani Hamza Prize, Ministry of Irrigation prize, Lyons prize and University prize)

SERVICE ACTIVITIES (Within and outside of the institution)

Institutional Service

Committee for Proposal for Master Degree in Construction Engineering (Coordinator) (2018 to Present)

Coordinator of Curriculum and Course Equivalence Committee for CAE Department (2002 to present)

Assocaite Editor for "The Journal of Engineering Research" College of Engineering, Sultan Qaboos University (2008 to Present).

Member of Earthquake Hazard Assessment Committee (2009 to 2014)
Member, Accreditation Committee (2009 to present)
Member of review team for the "Remedial Measures for the College of Agriculture and Marine Sciences" (2001 and 2011).
Member of the Committee for Establishment of Oman Earth Sciences Research Center (2008).

Professional Service

Reviewer for a number of journals (e.g. Journal of Geotechnical and Geological Engineering, SpringerLink Publisher; Journal of Improvement, ICE; Journal of Geomechanics, ASCE; Journal of Urban Planning and Design, ICE; Journal of Environmental Management, Elsevier) . .

PRINCIPLE PUBLICATIONS WITHIN LAST FIVE YEARS (selected)

- Mohamedzein, Yahia, Al-Hashmi , Abdulaziz, Al-Abri, Aisha, and Al-Shereiqli, Amira (2018). Polymers for stabilisation of Wahiba dune sands, Oman. Proceedings of the Institution of Civil Engineers - Ground Improvement . Published Online: August 24, 2018. <https://doi.org/10.1680/jgrim.17.00063>.
- Al-Aghbari, Mohammed Y. and Mohamedzein, Yahia E.-A (2018). The use of skirts to improve the performance of a footing in sand. International Journal of Geotechnical Engineering, Accepted 06 Jan 2018, Published online: 30 Jan 2018. <https://doi.org/10.1080/19386362.2018.1429702>
- Mohamedzein, Yahia E-A, Al-Hashmi, Salem M. and Al-Rawas, Amer A. (2016). Investigation of Excessive Seepage from Al-Fulaij Recharge Dam, Oman. Journal of Engineering Research, College of Engineering, Sultan Qaboos University, Vol. 13, No. 2, pp. 124-136.
- Mohamedzein, Yahia E-A., Ahmed Al-Ghaithi, Mohamed Al-Aghbari and Bakhit Tabook (2016). Assessment of Dune Sand-Bentonite Mixtures for Use as Landfill Liners. Journal of Solid Waste Technology and Management Vol. 42, No. 1, pp. 25-34.
- Mohamedzein, Yahia E-A. and Mohammed Y. Al-Aghbari (2016). Experimental Study of the Performance of Plastic Pipes Buried in Dune Soil. International Journal of Geotechnical Engineering, Vol. 10, No. 3, pp. 236-245.
- Mohamedzein, Yahia E-A., Nour Eldaim, Fath Alrahman E. and Abdelwahab, Abu Bakr (2013). Laboratory Model Tests on Laterally-Loaded Piles in Plastic Clay. International Journal of Geotechnical Engineering, Vol. 7, NO. 3, pp. 241-250..
- Mohamedzein, Y. E-A. and Al-Aghbari, M. Y. (2012). The use of municipal solid waste incinerator ash to stabilize dune sands. Journal of Geotechnical and Geological Engineering, Springer, Paper No. DOI 10.1007/s10706-012-9548-8.

RECENT PROFESSIONAL DEVELOPMENT ACTIVITIES

1. Workshop on ““Critical Thinking Skills for the 21st Century””. Presented by Prof. Nikos J. Mourtos on May 16, 2017 at Sultan Qaboos University
2. Workshop on ““Conceiving — Designing — Implementing — Operating (CDIO) real-world systems and products””. Presented by Dr. Juha Kontio on May 17-19, 2016 at Sultan Qaboos University