

Muhannad Ismeik **Associate Professor**

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Key Qualifications

Professional 18 years of teaching, research, administrative, training, and consulting experience in US and Jordan.

Solid record of 23 scholarly publications in refereed journals and international conferences with 127 article citations worldwide.

Dynamic team player with high engineering and ethical standards.

Excellent interpersonal, organizational, communication, supervision and mentoring, multitasking, problem solving, staff and student training, strategic planning, needs assessment, and leadership skills.

Academic Background

Post-Doc	Civil Eng, Montana State University-Bozeman	US	1999
PhD	Civil Eng, Bosphorus University (<i>American Robert College</i>)	Turkey	1996
MS	Civil Eng, Bosphorus University (<i>American Robert College</i>)	Turkey	1992
BS	Civil Eng, Bosphorus University (<i>American Robert College</i>)	Turkey	1991

Awards and Honors

ASAI Scholarship, Arab Student Aid International, New Jersey	1995-1996
Honorary Ilkel Fellowship, Distinguished Student, Bosphorus University	1995-1996
PhD First Class Honors, Bosphorus University	1996
MS First Class Honors, Bosphorus University	1992
BS Class Honors, Bosphorus University	1991

Teaching and Research Interests

Soil improvement, slope stability, applications of geosynthetics, seismic analysis, concrete materials, geopolymers, structural mechanics, pavement systems, traffic safety, statistical modeling, numerical methods, field testing, experimental methods, education and training.

Professional Employment

Assistant Professor / Associate Professor (<i>Tenured</i>) Department of Civil Engineering University of Jordan, Amman, Jordan	2008-2013 / 2013-Present
Assistant Professor / Chairman Department of Civil Engineering Al-Isra University, Amman, Jordan	1999-2008 / 2003-2005
Visiting Research Professor Department of Civil Engineering Montana State University-Bozeman, Montana, US	2000
Post-Doctoral Research Associate Department of Civil Engineering Montana State University-Bozeman, Montana, US	1996-1999

Selected Publications

Ismeik, M., and Al-Rawi, O. Modeling soil specific surface area with artificial neural networks. *ASTM Geotechnical Testing Journal*. In review, 2014.

Ismeik, M., Ashteyat, A. M., and Ramadan, K. Z. Stabilisation of fine-grained soils with saline water. *European Journal of Environmental and Civil Engineering*. Vol. 17, No. 1, pp. 32-45, 2013.

Ashteyat, A. M., Ismeik, M., and Ramadan, K. Z. Strength development models of concrete with silica fume as fine aggregate replacement material. *Global Journal of Researches in Engineering*. Vol. 12, No. 2, pp. 27-31, 2012.

Ismeik, M., and Al-Kaisy, A. Characterization of cell phone use while driving in Jordan. *Transport*. Vol. 25, No. 3, pp. 252-261, 2010.

(Honored and presented at the Transportation Research Board 90th annual meeting, January 2011, Paper: 11-3301)

Ongoing Funded Research

Long term engineering properties of cement dust stabilized soil. Deanship of Academic Research, University of Jordan, Project1382, \$16900, 2011.

Society Memberships

International Geosynthetics Society (*IGS*)

US Universities Council on Geotechnical Engineering Research (*USUCGER*)

Transportation Research Board (*TRB*), Subcommittee on Geosynthetics *A2K07(2)*

Jordan Engineers Association (*JEA*)

Journal Reviewer

Geotechnical Testing Journal (ASTM International)

Geosynthetics International (Thomas Telford)

Geomechanics and Geoengineering (Taylor and Francis)

Soils and Foundations (Elsevier)

International Journal of Modeling and Simulations (Acta Press)

International Journal for Traffic and Transport Engineering (SRJ)

Jordan Journal of Civil Engineering (JUST)

Further Data

Detailed curriculum vitae including achievements, publications, presentations, community and professional services, extracurricular activities, references, and teaching, research, and outreach philosophy is available upon request.

Updated: 17 March 2014