

MUBARAK AL ALAWI

Assistant Professor

Department of Civil and Architectural Engineering
College of Engineering, Sultan Qaboos University
P.O. Box 33, Al-Khod 123, Muscat, Sultanate of Oman
Telephone: 24142531, Fax: 24141331
E-mail: alawim@squ.edu.om

EDUCATION

- Ph.D., University of Alberta, Canada, Department of Civil and Environmental Engineering
Major: Construction Engineering and Management
Year of Graduation: 2017
- M.Eng., University of Alberta, Canada, Department of Civil and Environmental Engineering
Major: Construction Engineering and Management
Year of Graduation: 2011
- B.Eng., Sultan Qaboos University, Oman, Department of Civil and Architectural Engineering
Major: Civil Engineering
Year of Graduation: 2009

ACADEMIC EXPERIENCE

- 2017 – Present: Assistant Professor, Department of Civil and Architectural Engineering, College of Engineering, Sultan Qaboos University, Muscat, Sultanate of Oman.
- 2011 – 2013: Lecturer, Department of Civil and Architectural Engineering, College of Engineering, Sultan Qaboos University, Muscat, Sultanate of Oman.
- 2009 – 2010: Demonstrator, Department of Civil and Architectural Engineering, College of Engineering, Sultan Qaboos University, Muscat, Sultanate of Oman.

NON-ACADEMIC EXPERIENCE

CURRENT MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS

HONORS AND AWARDS

- Letter of Appreciation from the Dean of the College of Engineering at Sultan Qaboos University, 2018.
- Letter of Appreciation from the Vice Chancellor of the University of Alberta, 2016.
- Letter of Appreciation from the Vice Chancellor of Sultan Qaboos University for the efforts and contributions extended toward ABET Accreditation of Engineering Programs, August 2014.

SERVICE ACTIVITIES (Within and outside of the institution)

Institutional Service

College activities:

- Member, Pre-specialization Academic Advising Unit (PAAU) (2017-present)
- Member, Industrial Training and Alumni committee (2017- present)
- Member, College of Engineering's Curriculum Development Ad-hoc committee (2017-2018).
- Co-chair of publicity committee of the first International conference on Unmanned Aircraft System Oman (2019) (Ongoing)

Departmental activities:

- Member, CAE department accreditation committee (2017- present)
- Research project coordinator (2017- present)
- Industrial training coordinator (2017-present)
- Member in the organizing and scientific committees, the first National Conference on Civil and Architectural Engineering, NCCAE 2018.
- Advising member, Department recruitment committee (2018)
- Member, Preparatory committee for Construction Engineering and Management MSc program

Professional Service

- Invited by the Supreme Council for Planning to participate in the Oman National Spatial Strategy Workshop, April 2018.
- Invited by the Supreme Council for Planning to participate in the Oman National Spatial Strategy Workshop (on alternatives to urban strategy), November 2018.

PRINCIPLE PUBLICATIONS WITHIN LAST FIVE YEARS (selected)

- Al Alawi, M., Bouferguene , A., & Mohamed, Y. (2018). Random generation of industrial pipelines' data using Markov chain model. *Advanced Engineering Informatiocs*, 725-745.
- Al Alawi, M., Bouferguene, A., & Mohamed, Y. (2018). Integrating weather in modelling earthmoving mining operation using distributed simulation with HLA standards. 30th European Modeling and Simulation Symposium (pp. 1-6). Budapest : Curran Associates , Inc
- AL-Alawi, M., Bouferguene, A., & Mohamed, Y. (2017). Non-parametric weather generator for modelling construction operations: Comparison with the parametric approach and evaluation of construction-based impacts. *Automation in Construction*, 108-126.
- Al-Alawi, M., Bouferguene, A., & Mohamed, Y. (2016). Random Generation of Complex Data Structures for the Simulation of Construction Operations. Construction Research Congress. San Juan: American Society of Civil Engineers.
- Al-Alawi, M., Ali, M., Johnson, S., Han, S., Mohamed, Y., & AbouRizk, S. (2015). Constructability : capabilities, implementation, and barriers. International Construction Specialty Conference. Vancouver: University of British Columbia Library.

PROFESSIONAL DEVELOPMENT ACTIVITIES