

Mohammed Seddik MEDDAH

Assistant Professor

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EDUCATION

2002-2007: PhD. in Civil Engineering, Sherbrooke University (QC), Canada.
1996-2000: Masters, Materials of Civil Eng University of Laghouat, Algeria
1992-1996: Bachelors in Civil Eng., Construction Materials, University of Msila, Algeria
1990-1992: Science and Technology, Foundation, University of Tizi-Ouzou, Algeria.

ACADEMIC EXPERIENCE

2013-Present: Assistant Professor, CAED, CoE, Sultan Qaboos University, Oman
1/2010–2013: Research Associate, School of CE&C, Kingston University London, UK
11/2007-11/2009: Visiting Researcher, Hiroshima University, Japan

NON-ACADEMIC EXPERIENCE

6/2006 - 9/2006: Project Manager Holcim Cement Project, Sherbrooke University
10/2005 - 6/2006: Project Manager (American Concrete Pressure Pipe Association) ACPPA & Hyprescon inc., Sherbrooke University
9/2004 - 9/2005: Manager of Norsk Hydro Project, Sherbrooke University
1/2004 - 8/2004: Manager of Nova PB Project, Sherbrooke University
2/2002 - 6/2002: Trainee in LCPC Nantes (France)
8/2000 - 9/2001: Senior Engineer and Project Manager, BTPH Bouira, Algeria.

CURRENT MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS

- Associate Member of the American Society of Civil engineering (AM-ASCE)
- Member, American Concrete Institute (ACI)

HONORS AND AWARDS

- November 11, 2017: Distinguished Scientist in Cementitious Materials, Venus International Foundation Award, November 11, 2017, 3rd ARM2017, Chennai, India.
- November 5, 2015: Best Paper Award, UKIERI Concrete Congress, Concrete Research Driving Profit and Sustainability, 2-5 November 2015, NIT, Jalandhar, Punjab, India.
- 2017-2018: Certificate of Appreciation from the Vice Chancellor of Sultan Qaboos University for distinguished scientist and researcher.
- 2015-2016: Certificate of Appreciation from the Vice Chancellor of Sultan Qaboos University for distinguished scientist and researcher.
- 2015: Certificate of Outstanding Contribution in Reviewing, Construction and Building Materials Journal.
- 2013: Certificate of Outstanding Contribution in Reviewing, Construction and Building Materials Journal.
- 2007-2009: Awarded a Postdoctoral Fellowship, JSPS Japan.

SERVICE ACTIVITIES (Within and outside of the institution)

Institutional Service

- Member of Postgraduate Studies and Research committee
- Member of student advising committee
- Member of Curriculum committee
- Member of ABET Focus Group committee
- Member of Publication/Web committee
- Member of Computing committee

Professional Service

- Reviewer for several International Journals
- Reviewer for several funding bodies (TRC), etc.

PRINCIPLE PUBLICATIONS WITHIN LAST FIVE YEARS (selected)

- MEDDAH, M.S, Ismail, M.A, El-Gamal, S and Fitriani, H., “Performances evaluation of binary concrete designed with silica fume and metakaolin,” *Construction & Building Materials*, V. 166, 30 March 2018, pp. 400–412..
- MEDDAH, M.S, Al-Jabri, K, Hago, A.W and Al Hinai, A., “Effect of Granular Fraction Combinations on Pervious Concrete Performance,” *Materials Today: Proceedings*, V. 4, No. 9, 2017, pp. 9700-9704.
- MEDDAH, M.S., “Durability Performance and Engineering Properties of Shale and Volcanic Ashes Concretes,” *Construction and Building Materials*, V. 79, 2015, pp. 73-82.
- MEDDAH, M.S., “Sustainable Portland Cement Concrete Produced with Recycled Concrete Aggregate,” *DuraBI2018*, 1st International Conference on Durability of Building Infrastructures, Miri, Sarawak, Malaysia, January 10-12, 2018, pp. 209-212.
- MEDDAH, M.S., “Recycled aggregates in concrete production: engineering properties and environmental impact,” *MATEC Web Conference*, V.101(2017).(Indexed in Scopus).
- MEDDAH, M.S., Al-Jabri, K, Hago, A.W and Al Hinai, A., “Development of Pervious Concrete Using Local Materials for a Sustainable Drainage Solution,” *Central Europe Towards Sustainable Building 2016*, Innovations for sustainable future, 22-24 June 2016, Prague, Czech Republic, ISBN 978-80-271-0248-8, pp. 1191-1198. (Indexed in Scopus).

PROFESSIONAL DEVELOPMENT ACTIVITIES (selected)

- “Creating Significant Learning through Integrated Course Design,” 1-day Workshop Organized by CETL and Presented by Dr. Stewart Ross, September 9th, 2018, SQU.
- “Creating Significant Learning Experiences and Designing College Courses,” 2-day intensive Workshop Organized by the CETL and Presented by Dr. Stewart Ross, Feb 15th & 16th, 2017, SQU.
- “Preparing Effective Practitioners and Responsible Citizens for the 21st Century: Alternative Instructional Strategies” Workshop Organized by The College of Engineering and Presented by Prof. Nikos J. Mourtos, May 18, 2016, SQU.
- “Critical Thinking Skills for the 21st Century,” Workshop Organized by The College of Engineering and presented by Prof. Nikos J. Mourtos, May 17, 2017, SQU.
- “Introduction to Conceiving — Designing — Implementing — Operating (CDIO) Initiative,” Workshop Organized by The CoE, Juha Kontio, May 17-19, 2016, SQU.
- “Preparing Engineers for a Globalized Economy: How to Teach Engineering Students Process Skills,” Workshop Presented by Prof. Nikos J. Mourtos, May 26-28, 2015, SQU.