



Osama Moselhi

Professor and Director of the CICIEM

Contacts



Centre for Innovation in
Construction and
Infrastructure Engineering
and Management (CICIEM)



Phone number



o.moselhi@gmail.com>

Lecture Title

**Digital transformation in
construction: trends and
applications**

Objective

Field of Experience:

Dr. Moselhi is Professor and Director of the Centre for Innovation in Construction and Infrastructure Engineering and Management (CICIEM), Department of Building, Civil and Environmental Engineering, Concordia University. He is Fellow of the Association for Advancement in Cost Engineering (AACE International), American Society of Civil Engineers (ASCE), Canadian Society for Civil Engineering (CSCE), and the Canadian Academy for Engineering (CAE).

His research interest encompasses two major areas: value driven asset management for sustainable and resilient civil infrastructure, and optimized delivery of engineering, procurement and construction projects embracing information technology, remote sensing, web-enabling and spatial technologies. His industry experience spans tall buildings, bridges, nuclear power plants, harbor and offshore facilities. Dr. Moselhi supervised and co-supervised to completion over 100 Masters and Ph.D. graduates, and authored and co-authored over 400 scientific publications. Many of his former students have taken leadership positions in academia and industry in Canada, USA, Middle-East, Far-East, and Latin America.

Dr. Moselhi is recipient of numerous honours and awards, including the prestigious Walter Shanly Award of CSCE in recognition of *"outstanding contributions to the development and practice of construction engineering in Canada"*, the Tucker-Hasegawa Award of the International Association for Automation and Robotics in Construction (IAARC) in recognition of his *"major and sustained contribution to the field of Automation and Robotics in Construction"*, and the Brian D. Dunfield Educational Service Award of the Association for the Advancement of Cost Engineering (AACEi) in recognition for having *"advanced the skills and knowledge of cost engineering through teaching, writing, editing, and/or publishing educational materials used to train and educate present and future cost professionals"*. The Construction Division of the Canadian Society for Civil Engineering inaugurated the *"Moselhi Best Paper Award"* in honor of Dr. Moselhi's contribution to the field of construction engineering and management to recognize the author(s) of the best paper in CSCE Construction Specialty conferences.