

DR. HANI M. AHMED

Assistant Professor, Civil & Environmental Engineering Department, King Abdulaziz University.

Education

<i>Degree</i>	<i>Discipline</i>	<i>Institution</i>	<i>Year</i>
PhD	Construction Management	University of Waterloo, Canada	2017
MS	Construction Management	University of Waterloo, Canada	2011
BS	Civil Engineering	King Abdulaziz University, SA	2005

Academic Experience

<i>From</i>	<i>To</i>	<i>Institution</i>	<i>Rank</i>	<i>Title (Chair, Coordinator, etc.)</i>	<i>Full or Part Time</i>
2017	now	KAU	Asst. Prof.		Full Time
2012	2017	University of Waterloo	RA		Full Time
2011	2012	KAU	Lecturer		Full Time
2008	2011	University of Waterloo	RA		Full Time
2005	2007	KAU	TA		Full Time

Non Academic Experience

<i>From</i>	<i>To</i>	<i>Company/Entity</i>	<i>Title</i>	<i>Position description (Brief)</i>
2004	2005	Saudi Binladin	Site Engineer	Full Time

Certifications and Professional Registrations

N/A

Current Membership in Professional Organizations

<i>Member Since</i>	<i>Rank</i>	<i>Society/organization</i>
2011	Member	American Society of Civil Engineering (ASCE)
2012	Member	Canadian Society of Civil

		Engineering (CSCE)
2011	Member	Ontario Society of Professional Engineers (OSPE)
2017	Professional	Saudi Council OF Engineers, Saudi Arabia (SCE)
2002	Member	Saudi Society for Civil Engineering (SCCE)

Honors and Awards

Service activities (within and outside of the institution)

Principal Publications/Presentations from the Past Five Years

1. Intelligent Supply Chain Visibility for Risk Management in Pipe Spool Manufacturing (6th CSCE/CRC International Construction Specialty Conference, First Author, Nominated for Best Paper Award, Top Five).
2. An Analysis of Construction Productivity Differences between Canada and the United States (Journal of Construction Management and Economics, Second Author)
3. Automatic Detection of Supply Chain Risks Related to Economical and Environmental Factors (Journal of Automation in Construction, Elsevier, First Author, Under Review)

Recent Professional Development Activities

COMMITTEES

- Quality and Accreditation Unit, Civil Dept., KAU
- Academic Research Committee
- Executive Master Program Development Committee
- Civil Engineering Curriculum Development Committee
- Civil Engineering Labs Development Committee

COURSES TAUGHT

- IE-201 Introduction to Engineering Design.
- CE-321 Construction Management.
- CE-422 Construction Planning and Engineering.
- CE-427 Advanced Construction Scheduling.
- CE-621 Advanced Construction Engineering

- CE-624 Risk Management of Construction Projects
- CE-697 Special Topics in Construction Management .
- CE-698 Advanced topics in Probability and Statistics

SUPERVISION

- Co supervisor Master student in Engineering Safety Project
- Supervisor Master Student in Building Information Modeling Project

SHORT COURSES

- 2018 BIM based project control, 4 days professional course, CCT International, Dubai
- 2017 BIM Summit, IQPS, Dubai
- 2017 Fundamentals of University Teaching, University of Waterloo, Canada