

Alaa Salman

Position | Assistant Professor

Personal Data

Department | Civil and Construction Engineering

Official IAU Email | akalobaidi@iau.edu.sa

Office Phone No. |

Links: <https://scholar.google.com/citations?user=0EDDcIkAAAAJ&hl=en>

Language Proficiency

Language	Read	Write	Speak
Arabic	fluently	fluently	fluently
English	fluently	fluently	fluently
Others			

Academic Qualifications (Beginning with the most recent)

Date	Academic Degree	Place of Issue	Address
2011	PhD	Concordia University	Montreal - Canada
2006	M.Eng	Concordia University	Montreal - Canada
1992	B.Sc.	University of Technology	Baghdad – Iraq

PhD, Master or Fellowship Research Title: (Academic Honors or Distinctions)

PhD	Reliability-Based Management of Water Distribution Networks
Master	The impact on environment of underground infrastructure utility work

Professional Record: (Beginning with the most recent)

Job Rank	Place and Address of Work		Date
Assistant Professor	Imam Abdulrahman Bin Fahd University	Dammam – Saudi Arabia	2018 – To Date
Assistant Professor	Prince Mohammad Bin Fahd University	Al Khobar – Saudi Arabia	2015 – 2018
Assistant Professor	Sultan Qaboos University	Muscat - Oman	2014 - 2015
Lecturer	Misurata University	Misurata - Libya	2012 - 2014

Administrative Positions Held: (Beginning with the most recent)

Administrative Position	Office	Date
Technical Leader	UEMConsulting - Mississauga - Canada	2011 - 2012
Project Manager	AECOM - Mississauga - Canada	2009 - 2011
Civil Engineer	Asem Al Jawaheri Bureau - Iraq	1992 - 1997

Scientific Achievements

Published Refereed Scientific Researches

(In Chronological Order Beginning with the Most Recent)

#	Name of Investigator(s)	Research Title	Publisher and Date of Publication
1	A Salman, F Djavanroodi	Variability of chemical analysis of reinforcing bar produced in Saudi Arabia	IOP Conference Series: Materials Science and Engineering 348 (1), 012015 (2018)
2	Alaa Salman	Performance Index for Rehabilitating Water Distribution Networks	Applied Mechanics and Materials 873, 176-192 (2017)
3	F Djavanroodi, A Salman	Variability of Mechanical Properties and Weight for Reinforcing Bar Produced in Saudi Arabia	OP Conference Series: Materials Science and Engineering 230 (1), 012002 (2017)
4	A Salman, O Moselhi, T Zayed	Scheduling model for rehabilitation of distribution networks using MINLP	Journal of Construction Engineering and Management 139 (5), 498-509 (2013)
5	Alaa Salman	Assessing Risk and Investing in the Interests of the Community-Developing Capital Project Plan for Hydro Distribution Networks	Municipal World - Canada's Municipal Magazine (2012)
6	T Zayed, A Salman, I Basha	The impact on environment of underground infrastructure utility work	Structure and Infrastructure Engineering 7 (3), 199-210 (2011)
7	O Moselhi, T Zayed, Z Khan, A Salman	Community-driven and reliability-based budget allocation for water networks	Construction Research Congress 2010: Innovation for Reshaping Construction (2010)
8	Alaa Salman	Risk Management Strategy for Water Distribution Networks	Ontario Water Works Association conference, Windsor, Ontario, Canada (2010)
9	O Moselhi, T Zayed, A Salman	Selection method for rehabilitation of water distribution networks	ICPTT 2009: Advances and Experiences with Pipelines and Trenchless (2009)
10	A Salman, T Zayed	Reliability Assessment of Water Distribution Network	No-Dig conference, Toronto, Canada (2009)

Membership of Scientific and Professional Societies and Organizations

- P. Eng Member of Professional Engineers of Ontario (PEO) since 2009
- PMP Certified from Professional Management Institute (PMI) since 2009

Teaching Activities

Undergraduate

#	Course/Rotation Title	No./Code	Extent of Contribution (no. of lectures/Tutorials. Or labs, Clinics)
1	Construction Management		
2	Engineering Economics		
3	Infrastructure Asset Management		
4	Cost Estimating		
5	Construction Process		
6	Risk Management		

Postgraduate

#	Course/Rotation Title	No./Code	Extent of Contribution (no. of lectures/Tutorials. Or labs, Clinics)
1	Advanced Construction Management		
2	Infrastructure Asset Management		
3	Operations Management		
4	Methods and Equipment for Construction		

Last Update

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