

**Ghazi Ali Al-Rawas**  
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Department of Civil and Architectural Engineering  
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## **EDUCATION**

- Ph.D. in Civil Engineering (Water Resources), Department of Civil Engineering, University of Calgary, Calgary, Alberta, Canada, December 2009.
- Master in Environmental Remote Sensing and Geographic Information Systems GIS Graduate School of Arts and Sciences, Boston University, Boston, Massachusetts, U.S.A., January 2001.
- B.Eng. in Civil Engineering, Sultan Qaboos University, Muscat, Sultanate of Oman 1997.

## **ACADEMIC EXPERIENCE**

Jan. 2010 – Present	Assistant Professor, Department of Civil and Architectural Engineering
Jan. 2005 – Dec. 2009	Graduate Research Assistant, Department of Civil Engineering, University of Calgary
Mar. 2003 – Dec. 2004	Lecturer, Department of Civil and Architectural Engineering, SQU
Aug. 1999 – Jan. 2001	Graduate Research Assistant, Center for Remote Sensing, Boston University
Nov. 1997 – Feb. 2003	Civil Engineer, Remote Sensing and GIS Center, SQU

## **NON-ACADEMIC EXPERIENCE**

Sept. 2016 – Present	Assistant Dean for Industrial Training and Community Service, College of Engineering
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## **CURRENT MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS**

1. President, Asia-Pacific IAESTE Forum (APIF), 22 January 2018-Present.  
IAESTE-Oman National Secretary (Sept. 1, 2016-Present).
2. Member, Technology and Innovation Partnership-STIP Scientific Council, European Union (EU) and the GCC countries, 7 September 2015-Present.
3. Chair, "Precipitation, Flooding, and Desertification" project in Technology and Innovation Partnership-STIP Scientific Council, 7 September 2015-Present.
4. Member, International Association of Hydrological Sciences, 2010-Present.

## **HONORS AND AWARDS**

1. National Secretary Service Award from IAESTE Annual Conference 2018, 21 January 2018, Berlin, Germany.
2. GRS Award, Department of Geomatics Engineering, University of Calgary, Sept. 2006.
3. DAAD Fellowship-Workshop "From Waste Water to Fresh Water: Technical and Socio-Economic Aspects of Vital Resource", University of Paderborn, Germany 27 July, 2003-8 August, 2003.
4. DAAD Fellowship-Workshop "Environmental Techniques, Monitoring and Risk Assessment of Contaminated Sites", Brandenburg University of Technology (BTU), Germany 24 August, 2002-7 September, 2002.

## **SERVICE ACTIVITIES (Within and outside of the institution)**

### ***Institutional Service***

1. Member, The Joint Committee between Sultan Qaboos University and Ministry of Higher Education, Feb. 2018-Present.
2. IAESTE-Oman National Secretary, Sept. 1, 2016-Present.
3. Member, the Permanent Committee for Technical Competition Management, March 31, 2014–Present.
4. Member, The National Team for National Capacity Building in the Field of Space Science and Technologies, March 19, 2013–Present.
5. Member, Oman Notional Committee for International Hydrological Program (IHP), UNESCO, April 15, 2012–Present.
6. Chair, SQU Student Societies Committee, January 2017 - Present.
7. Member, Technical Committee for Earthquake and Strong Motion Stations Network Selection Sites, 15 March, 2015-Present.
8. Member, College of Engineering Representative in the Earthquake Monitoring Center Technical Committee, Sep. 2014-Present.
9. Member, SQU Staff Club Board, February 27, 2014–Present.

### ***Professional Service***

- Reviewer for the following 6 refereed Journals:
  - 1) Journal of Arid Environments
  - 2) Arabian Journal of Geosciences
  - 3) Landscape and Urban Planning
  - 4) Urban Water Journal
  - 5) The Arabian Journal for Sciences and Technology
  - 6) The Journal of Engineering Research (TJER), Sultan Qaboos University, Oman.
- Short course/ training course (last five years):
  - 1) Introduction to Remote Sensing, Given at SQU to Oman Royal Marine officers, Ministry of Defence, 11-13 August, 2015
  - 2) Introduction to Remote Sensing, Given to Ministry of Environment and Climatic Affairs, Sultan Qaboos University, 17-20 June, 2013.

### **PRINCIPLE PUBLICATIONS WITHIN LAST FIVE YEARS (selected)**

1. **Al-Rawas, G.**, Abdul-Wahab, S., Charabi, Y., Al-Wardy, M., Fadlallah, S., (2017). Modelling the trends of vehicle-emitted pollutants in Salalah, Sultanate of Oman, over a 10-year period. *Stoch Environ Res Risk Assess.*, DOI 10.1007/s00477-017-1464-2.

### **PROFESSIONAL DEVELOPMENT ACTIVITIES**

1. The 16<sup>th</sup> Regional International Hydrological Programme (IHP) and the 3<sup>rd</sup> general meeting of The Arab Network for the Management of Water Resources in the Arid and Semi-Arid Regions GWADI, Oman Public TV, 17-19 September 2017.
2. Workshop on: Education and Training in Intellectual Property, Ministry of Tourism, Muscat, Oman, 26-27 Apr., 2017.
3. KAUST Research Workshop: Blue Carbon – The Role of Coastal Ecosystems in Climate Change Mitigation and Adaptation, Red Sea Research Center, King Abdullah University of Science and Technology (KAUST), Saudi Arabia, 20-21 Mar., 2017.
4. Workshop on Climate Change Adaptation Measures in Oman, Ministry of Environment and Climate Affairs, Muscat, Sultanate of Oman, 04-08 Dec. 2016.
5. Training Workshop on Mitigation assessment and the use of LEAP, Regional Office for West Asia (ROWA), United Nations Environment Programme (UNEP), Manama, Kingdom of Bahrain, 01-03 Nov. 2016.