

1. **Name:** Riyadh I. Al-Raoush
2. **Education:**
PhD, Civil Engineering, Louisiana State University, Baton Rouge, 2002
3. **Academic experience:**
Institution: Qatar University, Associate Professor, 2013- now, Full time.
4. **Non-academic experience:**
5. **Certifications or professional registrations:**
Professional Engineer (State of Louisiana)
6. **Current membership in professional organizations:**
American Geophysical Union
American Society of Civil Engineering
7. **Honors and awards:**
8. **Service activities:**

Qatar University:

- Strategic Planning (Chair, Department level)
- Self-Study Report Preparing Committee (Member, Department level)
- Faculty Requirement Committee (Member, Department level)
- Internal Examiner for Senior Design Project (Environmental Area, Department level)
- Research and Graduate Studies Committee (Member, Department Level)
- Research Committee (Member, College level)

Outside Qatar University:

Reviewer for the following international journals:

- Advances in water resources
- Journal of irrigation and drainage
- Journal of colloid and interface science

9. The most important publications and presentations from the past five years:

- Al-Raoush, R., Experimental investigation of the influence of grain geometry on residual NAPL using synchrotron microtomography, Journal of Contaminant Hydrology, 159, 1–10, 2014
- Al-Raoush, R., Change in microstructure parameters of porous media over representative elementary volume for porosity," Particle & Particle Systems Characterization, 30,1-16, 2012
- Al-Raoush, R. and A. Papadopoulos, "Representative elementary volume analysis of porous media using X-ray computed tomography ," Powder Technology, 200, 69-77, 2010
- Al-Raoush, R., "Impact of wettability on pore-scale characteristics of residual nonaqueous phase liquids," Environmental Science and Technology, 43, 4796-4801, 2009

10. Most recent professional development activities:

- Visited Japan Cosmo Oil and Toyota Company (Japan) along with a group of faculty and students (18/1/2014- 23/1/2014)
- Visited Qatar Shell pearl GTL (Ras Laffan) along with a group of faculty and students (20/3/214)
- Attended the following webinars offered by Mathworks.com to enhance teaching skills and to keep up-to-date with current developments in Matlab software which I heavily used in my classes (GEN300 Numerical Analysis and EEMP507 Environmental Modeling and Simulation)

- Deploying MATLAB Algorithms to the Web (24/4/2014)
 - Speeding Up MATLAB Applications (15/4/2014)
 - MATLAB to iPhone Made Easy (11/4/2014)
 - Programming with MATLAB (11/2/2014)
 - Data Analysis with MATLAB for Excel Users (4/2/2014)
 - Mathematical Modeling with MATLAB Products (14/11/2014)
- Attended the following webinars offered by ABET to enhance assessment skills
 - Choosing Assessment Methods
 - Defining Student Outcomes
 - Developing Rubrics