

# April 2015 Nepal Earthquake Structural and Geotechnical Reconnaissance



## Date and Location

**Thursday, October 15, 2015**

Warnock Engineering Building (WEB), Room L103 at the University of Utah  
72 Central Campus Drive, Salt Lake City, Utah 84112

5:30 – 6:00 Refreshments and Socializing  
6:00 – 8:00 Presentations and Questions

The seminar is free  
No registration is required to attend

This seminar will feature the first-hand accounts of two individuals involved with the earthquake reconnaissance in Nepal, with a focus on the related structural and geotechnical issues. It will address the resiliency of healthcare and other facilities along with the geotechnical, geoseismic, and soils issues related to this event.

## Invited Instructors:

Judith Mitrani-Reiser, PhD. Assistant Professor, Dept. of Civil Engineering, Johns Hopkins University.

Youssef Hashash, PhD. Professor, Dept. of Civil and Environmental Engineering, University of Illinois

Dr. Mitrani-Reiser's research is focused on the performance assessment of critical infrastructure, the safety and economic impact of hazards on the built environment, the effective communication of these risks to the public, informed decision making for use in emergency management and policy making, and the interaction of humans with the built environment.

Dr. Hashash's research focus includes deep excavations in urban areas, earthquake engineering, continuum and discrete element modeling and soil-structure interaction. He also works on geotechnical engineering applications of visualization, augmented reality, imaging and drone technologies. He has published over 80 journal articles and is co-inventor on four patents. His research group developed the software program DEEPSOIL that is used worldwide for evaluation of soil response to earthquake shaking.



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Judith Mitrani-Reiser



Youssef Hashash

## Who Should Attend?

- Structural Engineers
- Geotechnical Engineers
- Geologists
- Emergency Managers
- Others interested in lessons learned from earthquakes and how they relate to Utah

## Focus Topics:

- Structural Engineering
- Geotechnical Engineering
- Lessons Learned
- Resiliency