Adda Athanasopoulos-Zekkos, Ph.D., A.M.ASCE
University of Michigan
- Investigation of the performance of the flood-protection systems of New Orleans in Hurricane Katrina, on August 29, 2005 - Lessons Learned
- Assessment of seismic response of levees and its variability due to time history selection
- Characterization of pile-driving induced vibrations: An integrated field testing and numerical modeling approach
- Liquefaction triggering and post-liquefaction response of gravelly soils
- Seismic earth pressures on yielding vs non-yielding gravity-type retaining walls - Overview and FEM results

Shideh Dashti, Ph.D., A.M.ASCE
University of Colorado at Boulder
- Performance-based liquefaction assessment
  - A physics-informed, semi-empirical, probabilistic approach to evaluating building settlement and tilt on liquefiable sites

Kevin Franke, PE, M.ASCE
Brigham young University
- Use of drones for monitoring infrastructure and performing post-earthquake reconnaissance
- Reconnaissance Efforts from Recent Earthquakes (including 2017 Central Mexico Earthquake)
- Performance Based Liquefaction Hazard Analysis

Russel Green, PhD, PE, M.ASCE
Virginia Tech
- any topic related to liquefaction, such as following:
  - Role of paleo liquefaction studies in assessing the seismic hazard in the central-eastern US
  - Evaluating liquefaction potential in the central-eastern US
  - Evaluating liquefaction hazard from induced seismicity
  - Overview of the 2010-2011 Canterbury, New Zealand, Earthquake Sequence
Anne Lemnitzer, PhD, A.M.ASCE  
University of California, Irvine  
- Centrifuge Experiments to investigate levee deformation potential in the Sacramento – San Joaquin Delta  
- Levees, Peat and Seismic Loading – Settlement Challenges Associated with Organic Soils  
- An overview of ground improvement methods for liquefaction mitigation

Dimitrios Zekkos PhD, PE, M.ASCE  
University of Michigan  
- Theme: Robots (land-based and UAVs) in geotechnical engineering  
  - Unmanned Aerial Vehicles for post-disaster response and geotechnical infrastructure assessment  
  - Recent Applications of Unmanned Aerial Vehicles in Geotechnical Engineering and Future Opportunities  
  - Ongoing Robot-enabled Research Efforts to Promote Resiliency and Sustainability of Geo-Systems  
- Theme: Stability, energy-processes of Landfills  
  - Seismic Response of MSW Landfills: Laboratory & In-Situ Testing of Properties & Dynamic Analyses  
  - Recent Advances on the Static and Dynamic Properties of Municipal Solid Waste  
  - Other Potential Topics  
- Remote Sensing and Field-Based Investigation of Landsliding in the 2015 Mw 7.8 Gorkha, Nepal, Earthquake  
- Assessment of the Effects of Ground Motion Modification on Ground Motions and Seismic Response of Geotechnical Systems

Katerina Ziotopoulou, PhD, A.M.ASCE  
University of California, Davis  
- PM4Silt: A constitutive model for silts and clays in seismic deformation analyses  
- PM4Sand: A constitutive model for sands in seismic deformation analyses  
- Validation Protocols for the constitutive modeling of liquefaction