

The Georgia Tech Chapter of the Earthquake Engineering Research Institute



GT EERI Lecture Series Presents:

Geotechnical Engineering Reconnaissance of the M8.8 Chile Earthquake

Dr. Dominic Assimaki

Assistant Professor

**Department of Civil and Environmental Engineering
Georgia Institute of Technology**

Location and Time:

Mason 519

Wednesday, April 7th, 2010

5:00 p.m.

ABSTRACT: Dr. Assimaki will present geotechnical aspects of the M8.8 Chile Earthquake as documented by members of the Geo-engineering Extreme Events Reconnaissance (GEER) Association. GEER conducts NSF-sponsored reconnaissance efforts of the geotechnical effects of extreme events, focusing on data collection to support advancements in the state-of-the art and the state-of-practice of geotechnical earthquake engineering. During the post-event reconnaissance of the Chile Earthquake, the GEER team traveled 700km along the coast from Valparaiso to Lebu, documenting case histories of liquefaction-induced settlement, lateral spreading effects on bridges, ports and industrial facilities, assessing the seismic performance of dams, levees, tailings dams, earth embankments & retaining walls, identifying landslides and evidence of site effects. The key findings of this effort will be highlighted in this talk.

For More Information:

Contact EERI: gteeri.president@gmail.com