

# The Georgia Tech Chapter of the Earthquake Engineering Research Institute



*GT EERI Lecture Series Presents:*

## **Geotechnical Aspects of the M7.0 Haiti Earthquake**

**Dr. Glenn Rix**

Professor

Department of Civil and Environmental Engineering  
Georgia Institute of Technology

### **Location and Time:**

***Mason 311***

***Thursday, April 15th, 2010***

***11:00 a.m.***

**ABSTRACT:** The Mw 7.0 earthquake that struck the Republic of Haiti on January 12, 2010 is among the most destructive earthquakes in recorded history. The death toll reported by the Government of Haiti exceeds 230,000 with an additional 300,000 injuries. More than 5 million people live in the area directly affected by the earthquake, and 1.3 million people are now living in temporary shelters. From January 26 to February 3, Dr. Rix visited Haiti as part of a five-person advance reconnaissance team organized by the U.S. Geological Survey (USGS), Earthquake Engineering Research Institute (EERI), and Geo-Engineering Extreme Events Reconnaissance (GEER) Association to investigate the geotechnical and structural failures caused by the earthquake. The reconnaissance effort included investigations in Port-au-Prince and the heavily damaged communities of Léogâne, Grand Goâve, Petite Goâve and revealed a number of factors that led to catastrophic losses of life and property during the earthquake.

For More Information:

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