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GESO Distinguished Lecture
Wednesday, April 2nd, 2014
12 – 1 PM
Yeh Center Room 3310

TWO RECENT EXAMPLES OF CPT PRACTICE IN SOUTHERN CALIFORNIA

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The use and application of the Cone Penetration Test (CPT) is steadily increasing in California. This presentation will summarize two very different moderate-risk projects in southern California that illustrate local CPT. The first example is a new housing development at a site composed of soft alluvial soils with high ground water, where the main design issues were liquefaction and consolidation settlement. The second example is a 20-story office tower founded on soft rock of the Monterey Formation, where the design issue was the settlement of the large mat foundation. The presentation will present a brief overview of the projects and the site investigations carried out, that included the CPT. The examples illustrate the range of application of the CPT but also highlight areas of local practice that could be improved.

As always, food and refreshments will be provided.

Everyone is welcome!!