



Faculdade de Engenharia
Departamento de Engenharia Sanitária e do Meio Ambiente
DOUTORADO EM ENGENHARIA AMBIENTAL - DEAMB

A PÓS-GRADUAÇÃO EM ENGENHARIA AMBIENTAL (MESTRADO PROFISSIONAL-PEAMB E DOUTORADO-DEAMB) DA UERJ CONVIDA PARA PALESTRA DE:

Dr Marcelo Sánchez

Associated Professor - Zachry Department of Civil Engineering TAMU, USA

Título da Palestra:

Coupled Thermo-Hydro-Mechanical Analysis in Engineering: Application to the Design of Nuclear Waste Repositories

Data: 2ª feira 20/03/2017, às 10:00 h

Local: Auditório do Instituto de Geologia, 2º Andar, Bloco A

SHORT BIOGRAPHY: Dr. Marcelo Sanchez was appointed as an Associated Professor in the Zachry Department of Civil Engineering TAMU in September 2009. He obtained his first degree in Civil Engineering from the Universidad Nacional de San Juan (Argentina). His Master and Ph.D. (2004) degrees are from the Universidad Politecnica de Catalunya (UPC, Barcelona, Spain). His expertise lies in the analysis of Thermo-Hydro-Mechanical and Chemical (THMC) coupled problems in geological media. The main applications of his research are related to: the design of nuclear waste disposal, the study of gas production from hydrate bearing sediments, the behavior of unsaturated soils and expansive clays, design of energy piles, the behavior of frozen soils, and the design of underground compressed air storage system. He has published more than 100 peer review papers. He is acting as an Associated Editor of five international journals. He is one of the recipients of the “George Stephenson Medal 2012” (ICE, UK), and other awards. He is the Chairman of the ISSMGE Technical Committee TC308 on “Energy Geotechnics”.

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P.S. Os participantes receberão certificados ao final da palestra.