UNIVERSITY of HOUSTON

CULLEN COLLEGE of ENGINEERING

Department of Civil & Environmental Engineering

CIVE 6111 Graduate Seminar Series

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Recent Research Activities of National Center for Research on Earthquake Engineering in Taiwan

Friday, October 28, 2016
2:45 pm – 3:45pm
Classroom Business Building, 120

Abstract: Through a joint effort of the Ministry of Science and Technology (MOST) and the National Taiwan University (NTU), the National Center for Research on Earthquake Engineering (NCREE) was officially established in 1990. In accordance with the national need for pre-quake preparedness, emergency response, and post-quake recovery, NCREE brings together academic resources and researchers to carry out joint projects to upgrade seismic technologies and to reduce life and property losses resulting from earthquakes. NCREE also encourages international collaborations in selected fields, especially the near-fault topic, to initiate consolidation and innovation in academic research and engineering practice; thus promoting Taiwan's academic reputation in the related fields all over the world. The objective of this speech is to report the recent research activities of National Center for Research on Earthquake Engineering in Taiwan.

About the speaker:

Dr. Shyh-Jiann Hwang is a Professor of Civil Engineering at the National Taiwan University, Taipei, Taiwan, Republic of China. He also serves as the Deputy Director of National Center of Research on Earthquake Engineering (NCREE) in Taiwan. His Master and PhD are both from the University of California, Berkeley, USA. Dr. Hwang has been awarded the Distinguished Chair Professor of National Taiwan University. He serves as a voting member in ACI/ASCE Joint Committee 352, Joints and Connections in Monolithic Concrete Structures. He is also very active in Taiwan Concrete Society. His research areas include the behavior and design of reinforced concrete, focusing on the shear strength prediction of RC structural members and an analytical model for beam-column joints, deep beams, squat walls, and corbels. He is currently responsible for providing technical supports to a national project that evaluates and retrofits all the non-code complianced school buildings in Taiwan.