

# Recent tsunami research in DPRI, Kyoto University, learned from tsunami disasters by the 2011 Tohoku Earthquake

**Professor Hajime Mase**

Disaster Prevention Research Institute (DPRI) Kyoto University, Japan

**MSB 114**

**Wednesday, October 16**

**3:00-3:30 pm Coffee Hour**

**3:30-4:30 pm Seminar**

## Abstract

Brief introductions are presented for Disaster Prevention Research Institute, Kyoto University, and research topics as 1) climate change effects on coasts, 2) floating offshore wind farm, 3) tsunami modeling and protection structures, 4) wave and surge prediction, and 5) performance design of coastal structures. Main contents of the presentation are recent results of tsunami research that summarize lessons from tsunami disasters by the 2011 Tohoku Earthquake. Extensive studies related with hydraulic aspects, as well as soft countermeasures, have been performed after the tsunami disasters. Among such researches, the followings are shown: 1) lessons from tsunami disasters, 2) results of field survey, 3) numerical simulations of tsunami in a bay-scale and town-scale, 4) development of resilient coastal structures, 5) Real-time tsunami protection structures, 6) a report of 2011 Tohoku Earthquake tsunami we published recently.

To receive ORE Seminar announcements by e-mail, please visit

[http://www.ore.hawaii.edu/OE/ore\\_news.htm](http://www.ore.hawaii.edu/OE/ore_news.htm)

Please join us for the coffee hour at the seminar venue a half hour before the seminar, 3:00 – 3:30 pm