FIRST INDO – JAPAN WORKSHOP IN GEOTECHNICAL ENGINEERING

Theme : Earthquake Geotechnical Engineering

Wednesday, 14th December 2011 ***Venue : Hotel Park Central, Kochi 682 024***

Program Schedule

8.30 am	Registration
9.00 am to 9.30 am	Inauguration : Prof. K S Rao, Prof. Madhav, Prof. Jose, Prof Osamu Kusakabe & Prof. Ikuo Towhata will be on the dais
9.30 am to 11.30 am	Session - I : 6 speakers each of 20 minutes
11.30 am to 11.45 am	Tea
11.45 am to 1.45 pm	Session - II : 6 speakers each of 20 minutes
1.45 pm to 2.30 pm	Lunch
2.30 pm to 4.00 pm	Session - III : 2 speakers each of 15 minutes, followed by Panel Discussion
After 4.00 pm	Winding up with Tea
20 minutes each for the speakers	

SESSION - I : 9.30 am to 11.30 am

Sl No	Speaker	Topic of Presentation
1	Dr. Osamu Kusakabe	Lessons learned from the 2011 Great East Japan Earthquakes
2	Dr. K S Rao	Seismic Microzonation of Indian Mega Cities
3	Dr. Ikuo Towhata	Validation and strategy of early warning instrument for mitigation of precipitation-induced slope failure
4	Dr. M. R. Madhav	Seismic Risk Mitigation of Loose Saturated Sands with Granular Inclusions
5	Dr. Yoichi Watabe	Seismic performance of caisson quay wall with lightweight backfill
6	Dr. A. Boominathan	Dynamic Response of Piles - Field and Numerical Investigations

SESSION - II : 11.45 am to 2.00 pm

1	Dr. Hemanta Hazarika	Damage to sea walls and breakwaters due to the March 11, 2011 tsunami in Northern Japan
2	Dr. Deepankar Choudhury	Seismic liquefaction hazard and site response for design of piles in Mumbai
3	Er. Hiroyasu Ishii	Effectiveness of Liquefaction Countermeasures in the 2011 M=9 Gigantic Earthquake, and an Innovative Soil Improvement Method
4	Dr. B. K. Maheshwari	Geotechnical aspects of recent Sikkim Earthquake of September 18, 2011
5	Er. Yoshitake Oka	Earthquake resistant technology applying steel products based on a study of the damage of The 2011 off the Pacific coast of Tohoku Earthquake
6	Dr. Neelima Satyam D	Assessment of Liquefaction Hazard using SPT and V_S for Two cities in India
7	Dr. S. K. Prasad	Sliding Displacement of Quay Wall during earthquake for Performance Based Design

SESSION - III : 2.45 pm to 4.00 pm

Panel Discussion :

Topics : Microzonation and its relevance
Codal provisions and design requirements
Performance Based design
Performance of Geotechnical structures such as foundations, embankments, retaining walls, slopes & tunnels.
Disaster management
Cooperation between JGS & IGS

Members : Prof. Osamu Kusakabe, Prof. Ikuo Towhata, Prof. Hemanta Hazarika (Moderator), Dr. Yoichi Watabe, and Dr. Hiroyasu Ishii
Prof. Chandan Ghosh, Er. Suresh, (2 more perhaps Prof. K S Rao & Prof. Madhav)

Informal Valedictory