NEWS From Technical Committee TC 212 on Deep Foundations

Announcement of Meeting of Members of TC 212 at Kanazawa, Japan during IS-Kanazawa, 2012

The first official meeting of members (in person) of current TC 212 – 'Deep Foundations' will be held on Wednesday September 19, 2012 at 1:30 PM during IS-Kanazawa 2012 at Kanazawa, Japan. As the conference IS-Kanazawa is supported by ISSMGE TC 212 Deep Foundations, this will be the best opportunity to have maximum numbers of members of TC 212 to attend the meeting. Also the President of ISSMGE, Prof. Jean-Louis Briaud has given his consent to be present during this meeting of TC 212 – Deep Foundations at IS-Kanazawa 2012. Venue of the above meeting is Kanazawa New Grand Hotel, Kanazawa, JAPAN. For details on IS-Kanazawa 2012, please visit website: http://is-kanazawa2012.jp/

Recently the design guidelines for Combined Pile-Raft Foundation (CPRF) has been formulated and circulated to all the members through the website link with the annual report of TC 212 – Deep Foundations submitted to ISSMGE Board members on May 24, 2012. Similarly for other types of deep foundations mainly piles under various types of loadings and for field conditions will be formed and finalized during this meeting. It may be noted that already five important task forces have been formed.

The task forces of TC 212 – Deep Foundations are,

(i) Task Force – 1 : Design and Analysis of Piles and Pile Groups including Design Standards,
(ii) Task Force – 2 : Combined Pile-Raft Foundation (CPRF),
(iii) Task Force – 3 : Piles subjected to Earthquake and other Lateral Loads,
(iv) Task Force – 4 : Energy Pile,
(v) Task Force – 5 : Quality Assurance of Pile Production with various Field Problems.

Members of TC 212 who are interested in participating in these task forces have already been identified and the details are available in the website of TC 212. Also practical issues on deep foundations will be documented to have proper international guidelines/standards which will be framed by TC 212 through detailed discussion during the meeting of members at IS-Kanazawa 2012.

Please visit our website as given below for future updates.

http://www.issmge.org/en/technical-committees-2010-2013-en/deep-foundations

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NEWS From Technical Committee TC203 on Earthquake Geotechnical Engineering and Associated Problems

2012 Young Researcher Award in Earthquake Geotechnical Engineering

The inaugural recipient of the Young Researcher Award in Earthquake Geotechnical Engineering is Dr. Ioannis Anastasopoulos, who has been elected recently as an Assistant Professor in the School of Civil Engineering at the National Technical University of Athens (NTUA). His research spans many areas of geotechnical earthquake engineering, with a specific focus on soil–foundation–structure interaction (SFSI). His work on SFSI has included contributions both to the numerical and experimental aspects of this problem. He has been the driving force behind the development of a new Experimental Facility for Simulation of Soil-Structure Systems at NTUA, which includes a shaking table, a fault-rupture box, and a pushover facility. He has participated in many European research projects and has published 45 journal papers including:

Anastasopoulos, I., Kourkoulis, R., Gelagoti, F. and Papadopoulos, E. (2012) "Metaplastic Rocking Response of SDOF Systems on Shallow Improved Sand: an Experimental Study", *Soil Dynamics and Earthquake Engineering*, Vol. 40, pp. 15–33.

Anastasopoulos, I., Gazetas, G., Loli, M., Apostolou, M. and Gerolymos, N. (2010) "Soil Failure can be used for Earthquake Protection of Structures", *Bulletin of Earthquake Engineering*, Vol. 8, No. 2, pp. 309–326.

Anastasopoulos, I., Gazetas, G., Bransby, M.F., Davies, M.C.R. and El Nahas, A. (2009) "Normal Fault Rupture Interaction with Strip Foundations", *Journal of Geotechnical and Geoenvironmental Engineering*, ASCE, Vol. 135, No. 3, pp. 359–370.