

2017 International Symposium on Design and Analysis of Piled Raft Foundations

Date: September 12-13, 2017 (Tuesday-Wednesday)

Venue: Tamkang University, Tamsui District, New Taipei City, Taiwan

Organized by:

Prof. D.W. Chang (Tamkang U., Taiwan)
 Prof. T. Matsumoto (Kanazawa U., Japan)
 Prof. D. Choudhury (IIT Bombay, India)

Supported by:

Taiwan Geotechnical Society
 TC212/TC305/ATC18, ISSMGE
 AGSSEA, Alliance of Geotechnical Engineering in Taiwan

Sponsored by:

Tamkang University, Taiwan
 Ministry of Science and Technology (MOST), Taiwan

Scope: The Piled Raft Foundation has been commonly used as mega foundation for massive or high-rise buildings located in ground sites of soft clays or sandy soils suspicious of liquefaction under strong seismic motions. Design and analysis of such foundation can't rely on conventional geotechnical methods. Both rigorous and simplified numerical solutions have been suggested to carry out the work. In general, load-deformation relationships of the foundation and their effects to performance of structure should be monitored carefully. This Symposium of this purpose is supported by ISSMGE TC212/TC305/ATC18 to discuss the relevant technologies, in which the existing and newly developed methods are presented. Phenomena of foundation behaviors are reported based on numerical modeling, physical modeling as well as the monitoring data recorded in the field. The papers presented will be published in a book co-edited by the organizers.

Overseas lecturers : Prof. A. Mandolini (DICDEA), Prof. T. Matsumoto (Kanazawa U.), Prof. D. Choudhury (IIT Bombay), Prof. A. Zhussupbekov (LN Gumilyov ENU), Dr. K. Yamashita, Dr. J. Hamada, Mr. Y. Shigeno (Takenaka Co.), Dr. K. Horikoshi (Taisei Co.), Dr. K. Watanabe (Obayashi Co.), Prof. Sangseom Jeong (Yonsei U.), Dr. P. Kitiyodom (GFE Corp. Bangkok), Mr. Tuan Vu Anh (Kanazawa U.), Prof. Ilizar Mirsayapov, Prof. Irina V. Koroleva (KSUAE), Mrs. Elena Lashkova (Geoizol, Ltd), Dr. Wolfgang Sondermann (Keller, Ltd), ... etc.

Important Dates:

Title and Authors' Names (including affiliations) due: **December 10, 2016**

Full Paper due: **March 31, 2017**

Design, Analysis, Testing, Construction and Monitoring Tentative Program

Time \ Date	Sep. 12	Sep. 13	Sep. 14
0830-0845	Reporting		
0845-0900	Opening		
0900-0930	Lecture I	Lecture X	
0930-1000	Lecture II	Lecture XI	
1000-1030	Coffee Break	Coffee Break	
1030-1100	Lecture III	Lecture XII	
1100-1130	Lecture IV	Lecture XIII	
1130-1200	Discussions	Discussions	
1200-1300	Lunch	Lunch	Site Excursion
1300-1330	Lecture V	Lecture XIV	
1330-1400	Lecture VI	Lecture XV	
1400-1430	Lecture VII	Lecture XVI	
1430-1500	Coffee break	Coffee break	
1500-1530	Lecture VIII	Lecture XVII	
1530-1600	Lecture IX	Lecture XVIII	
1600-1630	Discussions	Discussions	
1630-1700		Closing	
	Reception	Banquet	

Technical Site Excursions:

TOUR 1 (Taipei 101 + National Palace Museum + Handcraft Center)
 TOUR 2 (Jiufen Mining Village + Yehliu Geopark + North Coast tours)

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