

## WORKSHOP REPORT

### UKIERI International Workshop on Seismic Requalification of Geotechnical Structures

Reported by,  
Dr. A. Murali Krishna, Prof. S. Bhattacharya and Prof. D. Choudhury  
Organizers, UKIERI International Workshop  
New Delhi, India.

Indian Geotechnical Society (IGS) in association with IIT Guwahati and IIT Delhi, organized “International Workshop on Seismic Requalification of Geotechnical Structures” on 17th December 2012 at IIT Delhi, New Delhi, India. The workshop was organized as a part of an ongoing UKIERI (UK-India Education & Research Initiative) project between IIT Guwahati (India) and Universities of Bristol and Surrey (UK) as the leading partner institutions. Other collaborators of the project & workshop are NIDM (National Institute of Disaster Management) and IIT Bombay, India. In total about 70 members participated in the workshop. The inaugural address was delivered by Prof. K. S. Rao, Immediate Past President, IGS, New Delhi.

The UKIERI project aims to develop a methodology to re-examine the safety of the existing pile foundations and retaining walls in the light of recent research findings (hopefully better and refined) and of course taking on board the lessons learned from recent earthquake experiences. The workshop delivered talks on diverse topics related to the project theme, covering: ingredients for seismic requalification procedure, latest understandings of piles and retaining walls behavior under seismic conditions, approaches for strengthening and retrofitting, and construction practices. There were 14 invited presentations in the workshop. The details of presentation titles and speakers are given in Table 1.

Proceedings of the workshop were released in a book form titled “Seismic Requalification of Geotechnical Structures (Draft Version)”. Long discussions were held among the participants discussing the challenges in seismic requalification procedures. It was felt that selection of proper ground motion parameters and procedure for ground response are vital in analyzing the seismic capacity of the geotechnical structures. Keeping in view of the discussions raised, the draft version of the book shall be revised and reviewed so that selected papers can be published in a Special Issue of Indian Geotechnical Journal in due course.



Selected participants with speakers of the workshop

## WORKSHOP REPORT (continued)

Table. 1 List of presentations and speakers in the workshop

Sl. No.	Topic of presentation	Speaker
1	Seismic Requalification: Why and How? (About the workshop and draft proceedings. Linking different presentations of the day)	Prof. Subhamoy Bhattacharya, Univ. of Bristol & Surrey, UK
2	Seismic Hazard Assessment and Seismic Microzonation for NCR of Delhi	Prof. K. S. Rao, IIT Delhi, India
3	Selection of appropriate time histories for non linear seismic design of foundations	Dr. Barnali Ghosh, Mott MacDonald Ltd., UK
4	Geotechnical and Geophysical Testing for Seismic Requalification	Dr. P. Anbazhagan, IISc Bangalore, India
5	Liquefaction of Soils - Effects and Assessment	Dr. L. Govinda Raju, Bangalore University, India
6	Seismic behaviour of retaining structures and design issues	Prof. Deepankar Choudhury, IIT Bombay, India
7	A solution to seismic response of cantilever retaining wall with generalized backfill soil	Dr Indrajit Choudhury, Petrofac, Dubai
8	Soil-structure interaction considerations in the seismic design of Pile foundations	Prof. B. K. Maheshwari, IIT Roorkee, India
9	Lateral dynamic response and stiffness of full scale single piles	Prof. A. Boominathan, IIT Madras, India
10	Design of pile foundations using p-y curves (In Liquefiable Soils)	Dr Suresh Dash, IIT Bhubbaneshwar, India
11	Influence of superstructure flexibility on pile behaviour under earthquake load: shake table experiments	Dr. R. Ayothiraman, IIT Delhi, India
12	Issues on construction quality in India with emphasis in Delhi.	Prof. Chandan Ghosh, NIDM, India
13	Methodology for assessment of pile foundations	Prof Subhamoy Bhattacharya, Univ. of Bristol & Surrey, UK
14	Seismic strengthening and retrofitting	Dr. A. Murali Krishna, IIT Guwahati, India



Release of Proceedings of the Workshop



Audience of the Workshop

## UPCOMING CONFERENCE

### The 1st International Symposium on Transportation Soil Engineering in Cold Regions - A Joint Conference with the 10th SHAHUNIANTS Lecture

Cold regions cover 50% of the world's total land area. Transportation infrastructures in cold regions face great technical challenges due to ground freeze-thaw or permafrost degradation. New transportation infrastructure on embankments, such as high-speed railways on slab tracks or highways, requires high geometry standards. More challenging technical problems will arise as more transportation infrastructure is being planned and/or constructed in Northwest and Northeastern China, Russia as well as North America. The First International Symposium on Transportation Soil Engineering in Cold Regions - a joint conference with the 10th Shahuniants Lecture aims to provide an opportunity for researchers and practitioners in the transportation community to share the latest research advances and experiences in the construction of transportation infrastructure in cold regions. The Shahuniants Lecture has been given regularly among Russian scientists for many years and this is the first time to organize it outside of Russia.

#### Organized by:

Qinghai Research Institute of Transportation (QRIT), Department of Transportation (DOT) of the Qinghai Province, China  
Beijing Jiaotong University, Beijing, China  
University of Illinois at Urbana-Champaign, USA  
Moscow State University of Railway Transportation, Moscow, Russia  
University of Kansas, USA  
Siberian State University of Railway Transportation, Novosibirsk, Russia  
State Key Laboratory of Frozen Soil, Cold & Arid Regions Environmental and Engineering Research Institute, Chinese Academy of Sciences, China  
National Natural Science Foundation of China, China

#### Main Topics including but not limited to the cold-region aspects of:

Mechanical behavior of soil and aggregate  
Coupled modeling of mechanical and physical processes of frost heave and thaw weakening of ballasted subgrade and base of slab track and field experiments in roadway embankments  
Long-term monitoring of subgrade functionality  
Non-destructive testing of subgrade and aggregate  
Dynamic/seismic behavior of transportation infrastructure  
Other topics related to transportation soil engineering in cold regions

#### Co-Chairs of the Organizing Committee:

Prof. Erol Tutumluer, University of Illinois at Urbana-Champaign, USA  
Prof. Ashpiz E, Moscow State University of Railway Transportation, Russia  
Prof. Jiankun Liu, School of Civil Engineering, Beijing Jiaotong University, China  
Dr. Jianhong Fang, Director of the Qinghai Research Institute for Transportation (QRIT), China  
Prof. Zhaohui Yang, Director of Geotechnical and Frozen Soil Engineering Laboratory, University of Alaska, USA

#### Important dates:

May 15, 2013 Submission of full paper ([zhangyu@mail.lzjtu.edu.cn](mailto:zhangyu@mail.lzjtu.edu.cn))  
May 30, 2013 Notification of the acceptance of submitted paper  
June 30, 2013 Deadline for submission of final revised paper ([zhangyu@mail.lzjtu.edu.cn](mailto:zhangyu@mail.lzjtu.edu.cn))

#### Publication of Conference Papers:

All papers accepted by this symposium will be published in the Journal of Sciences in Cold and Arid Regions, Academy of China, or the Journal of Qinghai Science and Technology in Transportation.

## UPCOMING CONFERENCE (Continued)

**Conference Date and Location:**

Arrival and Registration: October 9

Conference: October 10-11, 2013. Location: Qinghai Hotel, Xining, China

**Field Trip:**

Route A: Qinghai Lake and Ta-Er-Si Temple, October 12.

Route B: Xining-Gulmut-Lhasa (optional, pre-registration required, paid additionally), Oct 13-17.

**Registration fee, to be paid on site:**

2000RMB/person, or 320\$US/person (Including 3 days meal, Publication, Coffee breaks, and Trip A)

Website: <http://subgrade.sinaapp.com/>

## ISSMGE EVENTS

Please refer to the specific conference website for full details and latest information.

### 2013

#### **Experimental Micromechanics for Geomaterials**

Date: Thursday 23 May 2013 - Friday 24 May 2013

Location: The University of Hong Kong, China (Hong Kong S.A.R.)

Language: English

Organizer: TC101, TC105, HKGES, HKU

Contact person: Ms Bridget Lam

Address: Department of Civil Engineering, The University of Hong Kong, Pokfulam, Hong Kong, China (Hong Kong SAR)

Phone: (852) 2859 2666

Fax: (852) 2559 5337

E-mail: [owlam@hku.hk](mailto:owlam@hku.hk)

#### **18th Southeast Asian Geotechnical Conference cum Inaugural AGSSEA**

Date: Wednesday 29 May 2013 - Friday 31 May 2013

Location: Singapore

Language: English

Organizer: Geotechnical Society of Singapore

Contact person: Office of Professional Engineering & Executive Education

Address: Faculty of Engineering, National Univ of Singapore, Block E1 #05-15, 3 Engineering Drive 2, 117578 Singapore

Phone: +65 65165113

Fax: +65 68745097

E-mail: [18seagc@nus.edu.sg](mailto:18seagc@nus.edu.sg)

Website: <http://www.18seagc.com>

#### **Second International Symposium on Geotechnical Engineering for the Preservation of Monuments and Historic Sites**

Date: Wednesday 29 May 2013 - Friday 31 May 2013

Location: Conference Centre Federico II, Napoli, Italy

Language: English

Organizer: AGI and TC 301

E-mail: [secretariat@tc301-napoli.org](mailto:secretariat@tc301-napoli.org)

Website: <http://www.tc301-napoli.org/>

#### **International Conference on State of The Art of Pile Foundation and Pile Case Histories "Pile 2013"**

Date: Sunday 02 June 2013 - Tuesday 04 June 2013

Location: Savoy Homann Bidakara Hotel, Bandung, West Java, Indonesia

Language: English

Organizer: Deep Foundation Research Institute - Parahyangan Catholic University

Contact person: Deep Foundation Research Institute - Parahyangan Catholic University

Address: JL. Ciumbuleuit 94, 40142, Bandung, West Java, Indonesia

Fax: +62 22 2060278

E-mail: [pile2013@gmail.com](mailto:pile2013@gmail.com)

Website: <http://www.pile2013.com>

## ISSMGE EVENTS (Continued)

### **The first international conference on Foundation and Soft Ground Engineering Challenges in MeKong Delta**

Date: Wednesday 05 June 2013 - Thursday 06 June 2013

Location: Thu Dau Mot University, Binh Duong, Binh Duong, Vietnam

Language: English

Organizer: Dr. Nguyen Ke Tuong and M. Eng. Nguyen Minh Hai

Contact person: Nguyen Minh Hai

Address: 06 Tran Van On Street, 650, Binh Duong, Binh Duong, Viet Nam

Phone: 84-650-3.822.518.

Fax: 84-650-3.837.150

E-mail: [haitdmu@gmail.com](mailto:haitdmu@gmail.com)

Website: <http://www.ictdmu.com/>

### **TC 215 ISSMGE International Symposium on "Coupled Phenomena in Environmental Geotechnics (CPEG) - from theoretical and experimental research to practical applications"**

Date: Monday 01 July 2013 - Wednesday 03 July 2013

Location: Politecnico di Torino, Torino, Italy

Language: English

Organizer: TC 215 ISSMGE and Italian Geotechnical Association (AGI)

Contact person: Guido Musso, Andrea Dominijanni

Phone: +39 011 0904837

E-mail: [guido.musso@polito.it](mailto:guido.musso@polito.it); [andrea.dominijanni@polito.it](mailto:andrea.dominijanni@polito.it)

Website: [www.tc215-cpeg-torino.org](http://www.tc215-cpeg-torino.org)

### **Fifth International Young Geotechnical Engineers' Conference (5iYGEC'13)**

Date: Saturday 31 August 2013 - Sunday 01 September 2013

Location: École des Ponts ParisTech, Paris, France

Language: English/French

Contact person: Prof. Yu-Jun Cui

Address: Paris, France

E-mail: [yujun.cui@enpc.fr](mailto:yujun.cui@enpc.fr)

Website:

<http://www.lepublicsystemepco.com/EN/events.php?IDManif=696&IDModule=21&PPAGE=&PAGE=&TEMP LATE=&CSS=&IDRub=>

### **18th International Conference on Soil Mechanics and Geotechnical Engineering, Paris,**

Date: Monday 02 September 2013 - Friday 06 September 2013

Location: Palais des congrès de Paris, Porte Maillot, Paris, France

Language: English, French

Organizer: Le Public Système, 38, rue Anatole France-Levallois-Perret Cedex, 92594 France

Contact person: Violaine Gauthier, Valérie Métral

Address: 38 rue Anatole France, 92594 Levallois-Perret Cedex, France

Phone: +33 1 70 94 65 04

Fax: +33 1 70 94 65 01

E-mail: [vgauthier@le-public-systeme.fr](mailto:vgauthier@le-public-systeme.fr), [vmetral@le-public-systeme.fr](mailto:vmetral@le-public-systeme.fr),

Website: <http://www.issmge2013.org/EN/events.php?IDManif=561&IDModule=71&IDRub=79>

More info: Organizer Phone: 33 1 70 94 65 04 Contact persons: Violaine Gauthier: [vgauthier@le-public-systeme.fr](mailto:vgauthier@le-public-systeme.fr) Valérie Métral: [vmetral@le-public-systeme.fr](mailto:vmetral@le-public-systeme.fr)

## ISSMGE EVENTS (Continued)

### **International Symposium on Design and Practice of Geosynthetic-Reinforced Soil Structures**

Date: Sunday 13 October 2013 - Wednesday 16 October 2013

Location: Faculty of Engineering, Bologna, Italy

Language: English

Organizer: Tatsuoka, Gottardi, Ling, Han

Contact person: Hoe I. Ling

Address: 500 West 120th Street, Columbia University, 10027, New York, NY, USA

Phone: 12128541203

Fax: 12128546267

E-mail: [ling@civil.columbia.edu](mailto:ling@civil.columbia.edu)

Website: <http://www.civil.columbia.edu/bologna2013/>

### **International Conference Geotechnics in Belarus: Science and Practice**

Date: Wednesday 23 October 2013 - Friday 25 October 2013

Location: Belarussian National Technical University, Minsk, Belarus

Language: Russian and English

Organizer: Belorussian Geotechnical Society

Contact person: Ulasik T., Sernov V., Ignatov S.

Address: Republic of Belarus, prospectus Nezavimosti, building 65, 220013 Minsk, Belarus

Phone: +37517 2659769

E-mail: [geotechnika2013@gmail.com](mailto:geotechnika2013@gmail.com) [belgeotech@tut.by](mailto:belgeotech@tut.by)

### **The 19th NZGS Symposium "Hanging by a Thread – Lifelines, Infrastructure and Natural Disasters"**

Date: Wednesday 20 November 2013 - Saturday 23 November 2013

Location: Millennium Hotel, Queenstown, New Zealand

Language: English

Organizer: New Zealand Geotechnical Society

Contact person: Amanda Blakey

Address: Auckland, New Zealand

Phone: +64 9 575 2744 or +64 21 025 11 628

E-mail: [secretary@nzgs.org](mailto:secretary@nzgs.org)

Website: <http://www.nzgs13.co.nz/>

### **10th International Symposium of Structures, Geotechnics and Construction Materials**

Date: Tuesday 26 November 2013 - Friday 29 November 2013

Location: International Convention Center, Santa Clara, Villa Clara, Cuba

Language: English, Spanish

Organizer: Facultad de Construcciones, Universidad Central de Las Villas

Contact person: Dra. Ana Virginia González - Cueto Vila

Address: Facultad Construcciones, UCLV, Carretera a Camajuani, km 5.5, 54830, Santa Clara, Villa Clara, Cuba

Phone: (53) 42 281655, 42 281065, 42 28 1561

Fax: (53) 42 281655

E-mail: [ana@uclv.edu.cu](mailto:ana@uclv.edu.cu) , [quevedo@uclv.edu.cu](mailto:quevedo@uclv.edu.cu)

Website: [www.uclv.edu.cu](http://www.uclv.edu.cu)

## ISSMGE EVENTS (Continued)

### **GEOTEC HANOI 2013 “Geotechnics for Sustainable Development”**

Date: Thursday 28 November 2013 - Friday 29 November 2013

Location: Melia Hotel, 44B Ly Thuong Kiet Street, Hoan Kiem District, Hanoi, Vietnam

Language: English

Organizer: FECON (Vietnam), VSSMGE (Vietnam) and AIT (Thailand)

Contact person: Dr. Le Quang Hanh, Ms Vu Thuy Dung

Address: FECON Foundation Engineering & Underground Construction JSC.15F, CEO Building, HH2-1 Plot, Pham Hung Road, Tu Liem District, Hanoi, Vietnam

Phone (+ 84) 46.269.0481 or 46.269.0482, Ext: 335

Fax: (+ 84) 46.269.0484

E-mail: [secretariat@geotechn2013.vn](mailto:secretariat@geotechn2013.vn)

Website: <http://www.geotechn2013.vn>

## 2014

### **8th International Conference on Physical Modelling in Geotechnics 2014 (ICPMG)**

Date: Tuesday 14 January 2014 - Friday 17 January 2014

Location: University Club, The University of Western Australia, Perth, Western Australia, Australia

Language: English

Organizer: Centre for Offshore Foundation Systems, The University of Western Australia

Contact person: arinex pty limited

Address: GPO Box 316, Belmont WA 6984 Australia,

Phone: +61 2 9265 0890

Fax: + 61 2 9265 0880

E-mail: [icpmg2014@arinex.com.au](mailto:icpmg2014@arinex.com.au)

Website: <http://icpmg2014.com.au/>

### **GeoShanghai 2014**

Date: Monday 26 May 2014 - Wednesday 28 May 2014

Location: Shanghai, China

Language: English

Organizer:: Tongji University

Contact person: Xiong Zhang

Address: Department of Civil & Environmental Engineering, University of Alaska Fairbanks, 99775, Fairbanks, AK, United States

Phone: +1(907)474-6172

Fax: +1(907)474-6030

E-mail: [xzhang11@alaska.edu](mailto:xzhang11@alaska.edu)

Website: [www.geoshanghai2014.org](http://www.geoshanghai2014.org)

### **TC204 ISSMGE International Symposium on "Geotechnical Aspects of Underground Construction in Soft Ground" - IS-Seoul 2014**

Date: Monday 25 August 2014 - Wednesday 27 August 2014

Location: Sheraton Grande Walkerhill, Seoul, Korea

Language: English

Organizer: TC204 of ISSMGE and Korean Geotechnical Society

Contact person: Prof. Chungsik Yoo

Address: 300 Chun-Chun Dong, Jang-An Gu, 440-746, Suwon, Kyung-Gi Do, Korea

Phone: +82-32-290-7518

Fax: +82-32-290-7549

E-mail: [csyoo@skku.edu](mailto:csyoo@skku.edu)

## ISSMGE EVENTS (Continued)

### **International Symposium on Geomechanics from Micro to Macro (TC105)**

Date: Monday 01 September 2014 - Wednesday 03 September 2014

Location: Cambridge University, Cambridge, United Kingdom

Language: English

Organizer: TC105

Contact person: Professor Kenichi Soga

Address: University of Cambridge, Department of Engineering, Trumpington Street, CB2 1PZ, Cambridge, UK

Phone: +44-1223-332713

Fax: +44-1223-339713

E-mail: [ks207@cam.ac.uk](mailto:ks207@cam.ac.uk)

### **XV Danube-European Conference on Geotechnical Engineering**

Date: Tuesday 09 September 2014 - Thursday 11 September 2014

Location: Vienna University of Technology, Vienna, Austria

Language: English and German

Organizer: ASSMGE & Vienna University of Technology, Institute of Geotechnics

Contact person: Armin Steurer, Gerda Pflieger

Address: Vienna University of Technology, Institute of Geotechnics, Karlsplatz 13/220-2, A-1040, Vienna, Austria

Phone: +43 1 58801 22101

Fax: +43 1 58801 22199

E-mail: [igb@tuwien.ac.at](mailto:igb@tuwien.ac.at)

Website: <http://www.decge2014.at>

### **Geohubei International Conference 2014**

Date: Sunday 20 July 2014 - Tuesday 22 July 2014

Location: Three Georges Dam, Hubei, China

Language: English

Organizer: Geohubei International Conference 2014

Contact person: Dr. Guodong Zhang

Address: Three Gorges University

E-mail: [GEOHUBEI.ADM@GMAIL.COM](mailto:GEOHUBEI.ADM@GMAIL.COM)

Website: <http://geohubei2014.geoconf.org>

## 2015

### **ISFOG 2015**

Date: Wednesday 10 June 2015 - Friday 12 June 2015

Location: Holmenkollen Park Hotel Rica, Oslo, Norway

Language: English

Organizer: NGI

Contact person: Vaughan Meyer - NGI

Address: PO Box 3930 Ullevaal Stadion, N-0806, Oslo, Norway

Phone: +47 22 02 30 00

Fax: +47 22 23 04 48

E-mail: [isfog2015@ngi.no](mailto:isfog2015@ngi.no)

Website: [www.isfog2015.no](http://www.isfog2015.no)

## ISSMGE EVENTS (Continued)

### **XVI European Conference on Soil Mechanics and Geotechnical Engineering**

Date: Sunday 13 September 2015 - Thursday 17 September 2015

Location: Edinburgh International Conference Centre, Edinburgh, Scotland, United Kingdom

Language: English

Organizer: British Geotechnical Association

Contact person: Derek Smith

Address: Coffey Geotechnics Limited, The Malthouse, 1 Northfield Road, Reading, Berkshire, RG1 8AH, Reading, UK

Phone: +44 1189566066

Fax: +44 1189576066

E-mail: [derek\\_smith@coffey.com](mailto:derek_smith@coffey.com)

Website: <http://www.xvi-ecsmge-2015.org.uk/>

## 2016

### **NGM 2016, The Nordic Geotechnical Meeting**

Date: Wednesday 25 May 2016 - Saturday 28 May 2016

Location: Harpan Conference Centre, Reykjavik, Iceland

Language: English

Organizer: The Icelandic Geotechnical Society

Contact person: Haraldur Sigursteinsson

Address: Vegagerdin, Borgartún 7, IS-109, Reykjavik, Iceland

Phone: +354 522 1236

Fax: +354 522 1259

E-mail: [has@vegagerdin.is](mailto:has@vegagerdin.is)

## NON-ISSMGE SPONSORED EVENTS

2013

### **EURO:TUN2013**

Date: Wednesday 17 April 2013 - Friday 19 April 2013

Location: Ruhr-Universität Bochum, Bochum, Germany,

Language: English

Organizer: Günther Meschke, Josef Eberhardsteiner, Tom Schanz ([tom.schanz@rub.de](mailto:tom.schanz@rub.de)), Kenichi Soga, and Markus Thewes

Website: <http://www.eurotun2013.ruhr-uni-bochum.de/>

### **First International Conference-Seminar on Deep Foundations in Bolivia**

Date: Tuesday 23 April 2013 - Wednesday 24 April 2013

Location: Economic Sciences Auditorium - UAGRM Campus, Santa Cruz de la Sierra, Santa Cruz, Bolivia

Language: English - Spanish with simultaneous translation

Organizer: UAGRM- INCOTEC SRL- Chamber Of Construction- Engineers Society- Dr. Bengt H. Felenius - Dr. K. Rainer Massarsch

Contact person: Ricardo Soliz

Address: Av. 5o Anillo esq. Radial 27 - PO Box 868, Santa Cruz de la Sierra, Santa Cruz, Bolivia

Phone: +591 3 3429522 (ext 112)

Fax: 342 9525

E-mail: [congreso@cfpbolivia.com](mailto:congreso@cfpbolivia.com)

Website: [www.cfpbolivia.com](http://www.cfpbolivia.com)

### **Seventh International Conference on Case Histories in Geotechnical Engineering**

Date: Sunday 28 April 2013 - Saturday 04 May 2013

Location: The Westin Chicago North Shore, Wheeling, Illinois, United States

Language: English

Organizer: Missouri S&T

Contact person: Kay Tillman

Address: Missouri S&T, Distance & Continuing Ed., 216 Centennial Hall, 300 W. 12th St., 65409, Rolla, MO, United States

Phone: 573-341-6222

Fax: 573-341-4992

E-mail: [7icchge@mst.edu](mailto:7icchge@mst.edu)

Website: <http://7icchge.mst.edu/>

### **The 1st International Symposium on Transportation Soil Engineering in Cold Regions**

Date: Thursday 10 October 2013 - Saturday 12 October 2013

Location: Qinghai Hotel, Xining, Qinghai Province, China

Language: English

Organizer: Beijing Jiaotong University, Qinghai Research Institute of Transportation

Contact person: Prof. Jiankun LIU

Address: School of Civil Engineering, Beijing Jiaotong University, 100044, Beijing, China

Phone: 86-13581986007

Fax: 86-10-51684096

E-mail: [jkliu@bjtu.edu.cn](mailto:jkliu@bjtu.edu.cn)

Website: <http://subgrade.sinaapp.com/>

## NON-ISSMGE SPONSORED EVENTS (Continued)

### **The Mediterranean Workshop on Landslides (MWL) - "Landslides in hard soils and weak rocks - an open problem for Mediterranean countries"**

Date: Monday 21 October 2013 - Tuesday 22 October 2013

Location: Partenope Conference Centre, Naples, Italy

Language: English

Organizer: Seconda Università di Napoli, Università di Napoli Federico II, Universitat Politecnica de Catalunya

Contact person: Emilia Damiano

Address: Dipartimento di Ingegneria Civile, Design, Edilizia e Ambiente - Via Roma 29 ,81031, Aversa (CE), Italy

Phone: +39 081 5010207

Fax: +39 081 5037370

E-mail: [info@iwl.unina2.it](mailto:info@iwl.unina2.it)

Website: <http://www.mwl.unina2.it>

### **International Symposium on Advances in Foundation Engineering**

Date: Thursday 05 December 2013 - Friday 06 December 2013

Location: Furama Riverfront Hotel, Singapore

Language: English

Organizer: Geotechnical Society of Singapore

Contact person: Phoon Kok Kwang (Chair)

Address: Block E1A, #07-03, 1 Engineering Drive 2, Singapore 117576, Singapore

Phone: 65-65166783

Fax: 65-67791635

E-mail: [kkphoon@nus.edu.sg](mailto:kkphoon@nus.edu.sg)

Website: <http://rpsonline.com.sg/isafe2013/>

## 2014

### **8th European Conference on Numerical Methods in Geotechnical Engineering (NUMGE14)**

Date: Tuesday 17 June 2014 - Friday 20 June 2014

Location: Delft University of Technology, Delft, The Netherlands

Language: English

Organizer: Prof. Michael Hicks

Contact person: Mrs. Hannie Zwiers

Address: Delft University of Technology, Faculty of Civil Engineering & Geosciences. Stevinweg 1,2628,CN Delft, The Netherlands

Phone: +31 15 2788100

E-mail: [info@numge2014.org](mailto:info@numge2014.org)

Website: <http://www.numge2014.org>

FOR FURTHER DETAILS, PLEASE REFER TO THE WEBSITE OF THE SPECIFIC CONFERENCE