

**CONFERENCE TO COMMEMORATE THE LEGACY OF RALPH B. PECK,
SEVENTH INTERNATIONAL CONFERENCE ON CASE HISTORIES IN
GEOTECHNICAL ENGINEERING AND
SYMPOSIUM IN HONOR OF CLYDE BAKER
WHEELING, IL (CHICAGO, IL AREA) – APRIL 29-MAY 4, 2013**
<http://7icchge.mst.edu>

SCHEDULE (as of April 1, 2013)

Monday, April 29, 2013

- 7:00 AM – 8:00 AM **Registration – Short Course**
- 8:00 AM – 6:00 PM **Fifth Soil Dynamics in Engineering Practice Short Course - Birch Room**

Tuesday, April 30, 2013

- 8:00 AM – 4:00 PM **Fifth Short Course (Continued) - Birch Room**
- 1:00 PM – 10:00 PM **CONFERENCE REGISTRATION - Ravinia F Pre-Convene**
- 4:00 PM – 6:00 PM **Meeting of Organizing/Steering/Chicago Committees - Lake Michigan B**
- 6:00 PM – 9:00 PM **SET-UP POSTER SESSION**
- SET-UP EXHIBITIONS – River Ballroom**

Wednesday, May 1, 2013

7:00 AM – 5:00 PM **CONFERENCE REGISTRATION**

7:00 AM – 7:45 AM **CONTINENTAL BREAKFAST** – Exhibit Hall - River Ballroom

8:00 AM – 6:45 PM **SPOUSES PROGRAM** – Sally Prakash (USA) - Birch Room

8:00 AM – 8:35 AM **OPENING CEREMONIES** - Ravinia DEF

8:00 AM – 8:05 AM **Shamsher Prakash (USA) – Conference Chairman**

Welcome:

8:05 AM – 8:10 AM **Craig H. Benson, President, Geo-Institute (ASCE)**

8:10 AM - 8:15 AM **Pedro Sêco e Pinto, Past President, ISSMGE**

8:15 AM - 8:20 AM **Jonathan Bray, EERI**

8:20 AM - 8:25 AM **W. Kent Wray, Provost, Missouri University of Science and Technology**

8:25 AM - 8:30 AM **Bill Schonberg, Chairman, Department of Civil, Architectural and Environmental
Engineering, Missouri University of Science and Technology**

8:30 AM - 8:35 AM **Vote of Thanks**

8:35 AM - 8:45 AM **Announcements**

8:45 AM – 9:30 AM **KEYNOTE LECTURE**

Chairman: Suzanne Lacasse (USA)

Speaker: W.D. Liam Finn (Canada)

Topic: Dynamic Analysis of Earthfill Dam of Over-consolidated Silt with Cyclic Strain Softening

Wednesday, May 1, 2013 – continued

9:30 AM – 10:00 AM **COFFEE BREAK – VISIT POSTERS/EXHIBITION** - River Ballroom

10:00 AM – 12:10 PM **COMMEMORATING THE LEGACY OF RALPH B. PECK** - Ravinia DEF
Chairman: James K. Mitchell (USA)
Co-Chairman: I.M. Idriss (USA)

10:00 AM – 10:10 AM Chairman opens the Session

10:10 AM – 10:20 AM **RBP-1:** Shamsheer Prakash (USA)

Topic: Professor Ralph B. Peck, Our Beloved Professor and Mentor

10:20 AM – 10:30 AM **RBP-2:** Nancy Peck Young (USA)

Topic: Ralph B. Peck – The One-Page Summary

10:30 AM – 10:50 AM **RBP-3:** Gholamreza Mesri (USA)

Topic: Ralph B. Peck, 1912 - 2008

10:50 AM – 11:10 AM **RBP-5:** Edward J. Cording (USA)

Topic: Tunneling in Chicago Clay: Pioneering Work in Ground Control

11:10 AM – 11:30 AM **RBP-6:** E. DiBiagio (Norway)

Topic: Field Instrumentation -The Link Between Theory and Practice in Geotechnical Engr.

11:30 AM – 11:50 AM **RBP-7:** J. David Rogers (USA)

Topic: Ralph Peck's Circuitous Path to Professor of Foundation Engineering (1930-48)

11:50 AM – 12:10 PM **RBP-4:** Lloyd Cluff (USA)

Topic: The Practice of Earthquake Geology and the Trans-Alaska Pipeline, A Success Story

12:10 PM – 12:20 PM Co-Chairman concludes and

12:20 PM – 12:30 PM Dedication of Conference Proceedings to the Memory of Late Ralph B. Peck

12:30 PM– 2:00 PM **LUNCH BREAK – Birch Room**
(LUNCHEON TO CELEBRATE THE LEGACY OF RALPH B. PECK – by invitation)
VISIT POSTERS/EXHIBITION

2:00 PM – 4:00 PM **SESSION 1** - Ravinia DEF

1a. Application of Case Histories to Practice

Use of Case Histories to Enhance Practical Geotechnical Engineering; Practice in Different Offices to Achieve this Objective with Examples; Importance of Life Long Learning; Use of Case Histories in Life Long Learning; One-Page Case Histories

1b. Application of Case Histories in Education

How Case Histories have been Incorporated in Coursework; How to Conduct Search for Case Histories, and What are the Major Sources; Examples of Specific Use/s: Importance of Teaching Case Histories; From Case Histories to Conceptual Models; Importance of Practical Experience of Professors; Use of Case Histories in Teaching Process; Is it Possible to Involve Students in Case Histories (i.e. in Engineering Practice)?

1c. Observational Method, Successes and Failures

Case Histories of the Successful Application of the Observational Method and Observational Control; Critically Reviewed Old Case Histories (post mortem) and Successful Case Histories; Architecture of Reporting Case Histories and The Question of Ethics in Reporting of Case Histories; History of Geotechnical Engineering; Ancient Geotechnical Engineering

Chairman: Ed Kavazanjian (USA)

Co-Chairman: Meindert Van (The Netherlands)

General Reporter: Sanjeev Kumar (USA)

Co-General Reporters: Patrick Becker (United Kingdom), Emre Biringen (USA), Myint Win Bo (Australia), Antonio Cavallaro (Italy), Charles B. Grant (USA), Prabir K. Kolay (USA), Indra Prakash (India), Devendra Narain Singh (India)

Official Discussers: Alberto Marulanda (Colombia), D.S. Subrahmanyam (India)

Wednesday, May 1, 2013 – continued

2:00 PM – 2:05 PM	Chairman opens the Session
2:05 PM – 2:20 PM	SPL-4 – Serge Varaksin (France) Topic: Observational Method for the Design of a New Ground Improvement Concept Adapted to a Large-Scale Fast-Track Project
2:20 PM – 2:35 PM	SPL-7 – Garry H. Gregory (USA) Topic: Cowboys Stadium Roof Arch Foundations-Revisited
2:35 PM – 2:50 PM	1.15b – Trevor L. L. Orr (Ireland) Case Studies used in Instruction to Achieve Specific Learning Outcomes: The Case of the Embankments Constructed for the Approach to Limerick Tunnel, Ireland
2:50 PM – 3:20 PM	General Report
3:20 PM – 3:55 PM	Discussion from Floor/Replies from Authors
3:55 PM – 4:00 PM	Remarks by Co-Chairmen and Closure by the Chairman

4:00 PM – 4:30 PM **COFFEE BREAK – VISIT POSTERS/EXHIBITION** - River Ballroom

4:30 PM – 5:15 PM	SOAP-4 - Ravinia DEF Chairman: Harry Poulos (Australia) Speaker: Buddhima Indraratna (Australia) Topic: Performance Appraisal of Ballasted Rail Track Stabilised by Geosynthetic Reinforcement and Shock Mats
5:15 PM – 6:45 PM	SESSION 7 7a. Case Histories on Application of Geotechnics to Railway Engineering and to Rail Track Modernization; Highway and Road Embankments/Transportation Systems 7b. Monitoring of Critical Geotechnical Constructions and Open Scale Excavation (Mining), Advanced Monitoring Techniques, Effective Monitoring Solutions, Warning systems, Large Scale Mapping of Response (LIDAR, InSAR, etc.) for Construction Control, etc. Chairman: Alan Phear (United Kingdom) Co-Chairman: Kamal Dev Ralh (India) General Reporters: Scott G. Newhouse (USA)/Gary Goodheart (USA) Co-General Reporter: Gary Goodheart (USA), Philip Robins (Australia), Cholachat Rujikiatkamjorn (Australia), Abhijit Sheth (USA) Official Discussers: Paola Mazzanti (Italy), Adam Sevi (USA)
5:15 PM – 5:20 PM	Chairman opens the Session
5:20 PM – 5:50 PM	General Report
5:50 PM – 6:30 PM	Discussion from Floor/Replies from Authors
6:30 PM – 6:45 PM	Remarks by Co-Chairmen and Closure by the Chairman

6:45 PM **RECEPTION – Exhibit Hall - River Ballroom**

Thursday, May 2, 2013

7:00 AM – 7:45 AM

CONTINENTAL BREAKFAST - Exhibit Hall - River Ballroom

8:00 AM – 5:00 PM

REGISTRATION (Continued)

7:15 AM – 5:30 PM

SPOUSES PROGRAM – SALLY PRAKASH (USA) - Birch Room

8:00 AM – 8:45 AM

SPECIAL LECTURE – SOAP-1 - Ravinia DEF

Chairman: J. David Frost (USA)

Speaker: Clyde N. Baker, Jr. (USA)

Topic: The Design of Foundations for the World's Tallest Buildings

8:45 AM – 9:30 AM

SOAP-8

Chairman: Rodrigo Salgado (USA)

Speaker: Harry G. Poulos (Australia)

Topic: Tall Building Foundation Design - The 151 Story Incheon Tower

9:30 AM – 10:00 AM

COFFEE BREAK – VISIT POSTERS/EXHIBITION - River Ballroom

10:00 AM – 12:15 PM

SPECIAL SESSION TO HONOR CLYDE N. BAKER - Ravinia DEF

Chairman: Rudy Bonaparte (USA)

Co-Chairman: Ricardo Dobry (USA)

Introduction and Welcome: Shamsheer Prakash (USA)

Presentation of Bouquet to Jeannette Baker

Presentation of Gift to Clyde Baker

10:05 AM – 10:10 AM

Chairman Opens the Session

10:10 AM – 10:30 AM

CNB-1: Tony A. Kiefer

Topic: Slurry Caisson Problems and Correction in Chicago

10:30 AM – 10:50 AM

CNB-2: Bernard H. Hertlein

Topic: The Evolution of Deep Foundation Quality Management Techniques in the United States

10:50 AM – 11:10 AM

CNB-3: Robert G. Lukas

Topic: Pressuremeter Testing in Stiff to Hard Cohesive Soils

11:10 AM – 11:30 AM

CNB-4: William Walton

Topic: The 1997 Clark Landfill Failure at Indiana Harbor Works

LTV Steel Company, East Chicago, Indiana

11:30 AM – 11:50 AM

CNB-5: William F. Baker

Topic: Tall Buildings and Their Foundations: Three Examples

11:50 AM – 12:10 PM

CNB-6: Robert Schock

Topic: 120 Years of Caisson Foundations in Chicago

12:10 PM – 12:15 PM

Clyde N. Baker (USA) Responds

12:15 PM – 12:20 PM

Co-Chairman Closing Remarks

12:20 PM – 2:00 PM

**LUNCH BREAK – VISIT POSTERS/EXHIBITION - Birch Room
(LUNCHEON TO HONOR CLYDE N. BAKER – BY INVITATION)**

Thursday, May 2, 2013 – continued

2:00 PM – 3:30 PM

SESSION 2 - Ravinia DEF

2. Case Histories of Unexpected Behavior and Failure of Shallow, Deep and Other Foundations, Including Soil Structure Interaction, Foundations in Expansive, Collapsible and Sulphative Rich Soils, Foundations in Arid, Semi-Arid Zones; Case Histories Involving Rapid Load Testing (Statnamic, Fundex, Drop Weight) for Deep Foundations, Pile Driving and Evaluation, Failure and Good Performance of Buildings, Foundations, Tall Buildings and Towers, and Historical Monuments

Chairman: George Leventis (USA)

Co-Chairman: Vishnu Diyaljee (Canada)

General Reporter: Kenneth Gavin (Ireland)

Co-General Reporters: Paul Doherty (Ireland), Min-Keong

Chong (Singapore), Jose L M Clemente USA), Vishnu

Diyaljee (Canada), Fernando da Casa Martin (Spain), Muawia

Dafalla (Saudi Arabia), Zbigniew Mlynarek (Poland),

Jędrzej Wierzbicki (Poland)

Official Discussers: Luis F. Orozco (Colombia), Baran Ozsoy (Turkey)

2:00 PM – 2:05 PM

Chairman opens the Session

2:05 PM – 2:35 PM

General Report

2:35 PM – 3:20 PM

Discussion from Floor/Replies from Authors

3:20 PM – 3:30 PM

Remarks by Co-Chairmen and Closure by the Chairman

3:30 PM – 4:00 PM

COFFEE BREAK – VISIT POSTERS/EXHIBITION - River Ballroom

4:00 PM – 6:00 PM

CONCURRENT SESSIONS – SESSION 3 AND SESSION 6

4:00 PM – 6:00 PM

SESSION 3 - Ravinia D

3a. Case Histories on Failures and Remediation of Slopes, Dams, Embankments and Landfills, Including Those on Landslides and Other Mass Movements (Debris Flows, Mudslides in California, Venezuela and Elsewhere) due to Rain, Flooding, Earthquakes, Anthropological and Other Causative Factors and Failure; Static Liquefaction of Tailing Dams; Good Performance of Levees, Solid Waste Landfills and Dams

3b. Case Histories on Failure and Remediation of Retaining Structures, Slurry Walls, and Deep Excavations, Dewatering, Stability

3c. Improving the Stability and Maintenance of Monuments (Big Ben, Leaning Tower of Pisa and Others)

SESSION 6 - Ravinia EF

6a. Case Histories on Soil Property Improvement; Expansive and Collapsible Soils for Earthquake Mitigation; Use of Lightweight Materials; Application of Geo-Synthetics; Effects and Risks of Foundations in Freshly Loaded Filled Ancient Marshy Lands; Vanished Ports such as Alexandria, Puri-Mahabalipuram and Other Unknown; Site Characterization

6b. Case Histories on Geo-environmental Problems, including Soil and Groundwater Contamination, Geotechnical and Hydrological Management and Remediation of Solid, Hazardous and Low-Level Radioactive Wastes, Bioreactor Landfills, Landfill Liner and Cover Systems, Landfill Closure and Brownfield Redevelopment

Thursday, May 2, 2013 – continued

Chairman: Ronaldo Luna (USA)
Co-Chairman: Alan Tamm (USA)
General Reporter: Diego Lo Presti (Italy)
Co-General Reporter: Charles H. Bishop, Jr. (USA), Gary S. Chow (USA), Elizabeth Gallagher (UK), József Mecsí (Hungary), Matthew E. Meyer (USA), Mary Perlea (USA), Konstantina Papadopoulou (Greece), Monica Prezzi (USA), Randa Al Asmar (USA), Laxman Rajwani (India), Alex Sanzeni (Italy), Nunziante Squeglia (Italy), Kumars Zand-Parsa (USA)

Official Discussers: John Endicott (China), Julijana Cvetanovska (Macedonia), Deping Guo (Japan), Andy Haubert (USA), Jozsef Pusztaí (Hungary), Jaykumar Shukla (India)

Chairman: Tom Zimmie (USA)
Co-Chairman: Arsalan Ghahramani (Iran)
General Reporter: Krishna Reddy (USA)
Co-General Reporter: Scott Anderson (USA), K.S. Beena (India), Joel Burken (USA), James R. Gingery (USA), Chavdar Kolev (Bulgaria), Sri Atmaja P. Rosyidi (Indonesia), Yasunori Yano (Japan)

Official Discussers: Abiel Ngusse Lukas (Ethiopia)

4:00 PM – 6:00 PM

SESSION 3 - Ravinia D

SESSION 6 - Ravinia EF

4:00 PM – 4:05 PM

Chairman opens the Session

Chairman opens the Session

4:05 PM – 4:25 PM

SPL-5 - Theodore von Rosenvinge IV (USA)

Topic: Tied-Back Wall Failure, Boston, MA

SPL-6 – Joel G. Burken

Topic: Phytoforensics: Soil and Groundwater Sampling Without Soil or Groundwater!

4:25 PM – 5:00 PM

General Report

General Report

5:00 PM – 5:50 PM

Discussion from Floor/Replies from Authors

Discussion from Floor/Replies from Authors

5:50 PM – 6:00 PM

Remarks by Co-Chairmen and Closure by the Chairman

Remarks by Co-Chairmen and Closure by the Chairman

6:00 PM – 7:00 PM

DINNER BREAK

7:00 PM – 8:30 PM

CONCURRENT SESSIONS – SESSION 5 AND SESSION 8

SESSION 5 - Ravinia D

5. Case Histories on Failure of Geological, Rock and Mining Engineering, Including Underground Structures and Excavations, and Subsidence of Deltas; Anticipation, Characterization, Design and Construction in the Geological Complexity of Mélanges, Fault Rocks, Weathered Rocks, Boulder Colluvium, Lahars and Similar Bimrocks (Block-in-Matrix Rocks) and Rock/Soil Mixtures, and Remediation

SESSION 8 - Ravinia EF

8a. Case Histories on Forensic Geotechnical Engineering, Where Things Went Wrong; Reliability of Codes; Risk Analysis Pertaining to Public Structures, Non-Destructive Evaluation and Load Testing of Drilled Shafts, Auger Cast Piles and Driven Piles, and Damage Evaluation; Advance Information, Systems in the Geotechnical Risk Predication and Assessment

8b. Case Histories on Health Monitoring and Retrofit of Infrastructure, including Bridges, Tunnels, and other Transportation and Geotechnical Structures, and their Effects on Existing Facilities and Buildings, and Remediation

Thursday, May 2, 2013 – continued

Chairman: Karun Sreerama (USA)
Co-Chairman: Idaver Huseini (Republic of Macedonia)
General Reporter: Dimitrios Zekkos (USA)
Co-General Reporters: Neven Matasovic (USA), Daniel A. Vellone (USA)

Official Discussers: Ahmed T.M. Farid (Egypt), Christian Ledezma (Chile) and George Sadowski (Brazil)

7:00 PM – 7:05 PM
7:05 PM – 7:30 PM
7:30 PM – 8:20 PM

Chairman opens the Session
General Report
Discussion from Floor/Replies from Authors

8:20 PM – 8:30 PM

Remarks by Co-Chairmen and Closure by the Chairman

Chairman: Michael K. Sharp (USA)
Co-Chairman: Atilla Ansal (Turkey)
General Reporter: Dharendra S. (Sax) Saxena (USA)
Co-General Reports: Ram D. Singh (USA), Rutuparna Joshi (USA), Prashanth Vaddue (USA)

Official Discussers: Petr Koudelka (Czech Republic)

Chairman opens the Session
General Report
Discussion from Floor/Replies from Authors

Remarks by Co-Chairmen and Closure by the Chairman

Friday, May 3, 2013

7:00 AM – 7:45 AM

CONTINENTAL BREAKFAST - EXHIBITION - River Ballroom

8:00 AM – 5:00 PM

REGISTRATION – (Continued)

8:00 AM – 6:45 PM

SPOUSES PROGRAM – SALLY PRAKASH (USA) - Birch Room

8:00 AM – 10:00 AM

STATE OF THE ART AND PRACTICE LECTURES - Ravinia DEF

8:00 AM – 8:45 AM

SOAP-6

Chairman: Ahmed Elgamal (USA)
Speaker: Suzanne Lacasse (Norway)
Topic: Probabilistic Geotechnical Analyses for Offshore Facilities

8:45 AM – 9:30 AM

SOAP-5

Chairman: H. Turan Durgunoglu (Turkey)
Speaker: Edward Kavazanjian Jr. (USA)
Topic: Performance of Two Geosynthetics-Lined Landfills in the Northridge Earthquake

Friday, May 3, 2013 – continued

9:30 AM – 10:00 AM **SP Prizes & Award Presentation**
 Sally and Shamsheer Prakash invite the Prize winners to the Dais.

Professor W.D. Liam Finn introduces the SP Foundations awards:

Introduction to winners:

- 1) Ioannis Anastasopoulos
- 2) (Greece)
- 3) Richard Kelly (Australia)

Presentation of Awards and Checks

The Winners respond

VOTE OF THANKS: Sally Prakash

10:00 AM – 10:30 AM **COFFEE BREAK – VISIT POSTERS/EXHIBITION** - River Ballroom

10:30 AM – 12:00 PM **CONCURRENT SESSIONS**

	SESSION B - Ravinia D Chairman: Rudy Frizzi (USA) Co-Chairman: Bengt Fellenius (Canada)		SESSION C-1 - Ravinia EF Chairman: Lok Sharma Co-Chairman: Markus Herten (Germany)
10:30 AM-11:10 AM	OSP-8 - Hari D. Sharma (USA) Topic: Sustainability and Waste Management: Case Histories	10:30 AM-10:55 AM	OSP-6 – Vijay K. Puri (USA) Topic: Shallow Foundations for Seismic Loads: Design Considerations
11:10 AM-11:40 AM	OSP-9 - Ion Vlad (Romania) Topic: Improving the Structural Performance of Heritage Buildings. A Comprehensive Romanian Experience.	10:55 AM-11:10 AM	SPL-1 - Sarfraz Ali (South Africa) Topic: Geotechnical Aspects of Recent Extreme Floods in Pakistan; A Case History
11:40 AM-12:00 PM	SPL-10 – Wang Lanmin (China) Topic: The Characteristics and Causes of the Devastating Debris Flow in Zhouqu, China	11:10 AM-11:45 AM	SESSION C-2 - Ravinia EF SPL-8 Chairman: Gary M. O’Neil (USA) Speaker: Ioannis Anastasopoulos (Greece) Topic: Structural Damage of a 5-Storey Building: Differential Settlement due to Construction of an Adjacent Building or Because of Construction Defects?
		11:45 AM-12:00 PM	SPL-11 Chairman: Peter Scharle (Hungary) Speaker: Filippo Ciuffi (Italy) Topic: Journey in Italian Earthquakes – New Discoveries and Important Lessons Learned from Italian Historic Earthquakes: Innovative Interaction Among Earthquakes, Water Bodies and Geotechnical Aspects

Friday, May 3, 2013 – continued

12:00 PM– 1:00 PM **LUNCH BREAK - VISIT POSTERS/EXHIBITION** – Birch Room

1:00 PM – 3:05 PM **CONCURRENT SESSIONS**

1:00 PM – 1:45 PM	SESSION D - Ravinia EF SOAP-10 Chairman: James Martin (USA) Speaker: Ikuo Towhata (Japan) Topic: Long-Term Effects of Earthquake-Induced Slope Failures	1:00 PM – 1:25 PM	SESSION E - Ravinia D OSP-2 Chairman: Garry H. Gregory (USA) Speaker: H. Turan Durgunoglu (Turkey) Topic: Barrette Foundations-Two Case Histories from Turkey
1:45 PM – 2:05 PM	EQ-3 Chairman: Wang Lanmin (China) Speaker: Diego C. F. Lo Presti (Italy) Topic: A Report on the 2012 Seismic Sequence in Emilia (Northern Italy)	1:25 PM – 1:50 PM	OSP-5 Chairman: Alan Poeppel (USA) Speaker: J. W. Pappin (China) Topic: The Design and Construction of a Fast Track 16 Hectare, 18m Deep Basement in Soft Clay in Singapore
2:05 PM – 2:25 PM	EQ-5 Chairman: Russell Green Speaker: Michele Maugeri (Italy) Topic: Earthquake Geotechnical Engineering Aspects of the 2012 Emilia-Romagna Earthquake (Italy)	1:50 PM – 2:15 PM	OSP-1 Chairman: Chavdar Kolev (Bulgaria) Speaker: Adimoolam Boominathan (India) Topic: Dynamic Response of Piles – Case Studies in India
2:25 PM – 2:50 PM	SPL-3 Chairman: Luis Orozco (Colombia) Speaker: J.S. Vinod (Australia) Topic: DEM Modelling of Granular Materials during Cyclic Loading	2:15 PM – 2:40 PM	OSP-4 Chairman: Speaker: Jesús E. Gómez (USA) Topic: Design of A-Walls for Stabilization of Slopes and Embankments in Soft Soils
2:50 PM – 3:05 PM	SPL-9 Chairman: V.K. Puri Speaker: T.N. Gupta (India) Topic: Natural Hazard Preparedness and Mitigation in India	2:40 PM – 3:05 PM	OSP-3 Chairman: R. Eric Zimmerman (USA) Speaker: Hesham El Naggar (Canada) Topic: Machine Foundation Design: Experimental and Analytical Soil Structure Interaction

3:05 PM – 3:30 PM **COFFEE BREAK – VISIT POSTERS/EXHIBITION** - River Ballroom

Friday, May 3, 2013 – continued

3:30 PM – 6:30 PM **STATE OF THE ART AND PRACTICE LECTURES** - Lake Michigan A

3:30 PM – 4:15 PM **SOAP-9**
Chairman: Charles Bishop (USA)
Speaker: Rodrigo Salgado (USA)
Topic: Foundation Failure Case Histories Reexamined Using Modern Geomechanics

4:15 PM – 5:00 PM **SOAP-3**
Chairman: Thomas Mack (USA)
Speaker: George Gazetas (Greece)
Topic: Inconclusive Case Histories in Earthquake Geotechnics from Christchurch

5:00 PM – 5:45 PM **SOAP-7**
Chairman: Jack Pappin (Hong Kong)
Speaker: Pedro Sêco e Pinto (Portugal)
Topic: The Case of the New Tagus River Leziria Bridge

5:45 PM – 6:30 PM **SOAP-11**
Chairman: Amin Barari (Denmark)
Speaker: J.P. Singh (USA)
Topic: Performance Based Engineering – Forty Year Journey

6:30 PM – 7:00 PM **CASH BAR** - River Ballroom

7:00 PM – 10:00 PM **BANQUET** - Botanical Garden Ballroom

Saturday, May 4, 2013

7:00 AM – 7:45 AM **CONTINENTAL BREAKFAST** - Exhibit Hall - River Ballroom

8:00 AM – 11:00 AM **REGISTRATION** (Continued)

9:00 AM – 12:00 PM **SPOUSES PROGRAM – SALLY PRAKASH (USA)** - Birch Room

8:00 AM – 8:45 AM **SOAP-2** (Lake Michigan A)
Chairman: Juan Pestana (USA)
Speaker: Jonathan D. Bray (USA)
Topic: Geotechnical Lessons Learned from Earthquakes

8:45 AM – 9:15 AM **EQ-4**
Chairman: Tarek Hassen Abdoun (USA)
Speaker: Ricardo Dobry (USA)
Topic: Case Histories of Liquefaction in Loose Sand Fills During the 1989 Loma Prieta Earthquake: Comparison with Large Scale and Centrifuge Shaking Tests

9:15 AM – 9:30 AM **COFFEE BREAK** - River Ballroom

Saturday, May 4, 2013 – continued

9:30 AM – 11:30 PM **EARTHQUAKE SESSION - Lake Michigan A**

9:30 AM – 10:00 AM **EQ-1**

Chairman: Michael J. Pender (New Zealand)

Co-Chairman: Jonathan Bray (USA)

Speaker: Misko Cubrinovski (New Zealand)

Topic: Liquefaction-Induced Damage in the 2010-2011 Christchurch (New Zealand) Earthquakes

10:00 AM – 10:30 AM **EQ-2**

Chairman: Takaji Kokusho (Japan)

Co-Chairman: Ross Boulanger (USA)

Speaker: Kohji Tokimatsu (Japan)

Topic: Geotechnical Problems in 2011 Tohoku Pacific Earthquakes

10:30 AM – 11:30 PM **SESSION 4**

4a. Case Histories on Failure and Remediation of Geotechnical Earthquake Engineering, Including Land Slides; Lessons Learned from Pisco-Peru 2007, L'Aquila-Italy 2009, Honduras 2009, American Samoa 2009, Haiti 2010, Chile 2010, Baja California 2010, New Zealand 2010 and 2011, Tohoku Japan 2011 and other Recent Earthquakes; Reports on Recent Earthquakes

4b. Case Histories on Engineering Vibrations, Vibration Control for Underground and Surface Constructions with Specific Emphasis on the Urban Environment; Predictions, Monitoring and Solutions; Blasting for Tunnels in Soft Ground and Rock, Discontinuous Rocks and their Application to Water Resources Projects, and Remediation

Chairman: Michele Maugeri (Italy)

Co-Chairman: Sissy Nikolas (USA)

General Reporter: Jorge Meneses (USA)

Co-General Reporter: Kevin Franke (USA), Robert Kayen (USA), B.K. Maheshwari (India), Ramin Motamed (USA), Aniruddha Sengupta (India)

Official Discussers: Amares Chattopadhyay (India)

10:30 AM – 10:35 AM Chairman opens the Session

10:35 AM – 11:05 AM General Report

11:05 AM – 11:25 AM Discussion from Floor/Replies from Authors

11:25 AM – 11:30 AM Remarks by Co-Chairmen and Closure by the Chairman

11:30 AM – 12:00 PM **CONCLUDING SESSION - Lake Michigan A**

Chairman: Shamsheer Prakash (USA)

12:00 PM – 5:00 PM **POST CONFERENCE ACTIVITY - Ravinia DEF
LUNCHEON TO HONOR SHAMSHER PRAKASH**