



International Association of Chinese Geotechnical Engineers

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Website: www.iacge.org EIN: 27-0835587 (IRS 501c3 Organization)

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14th IACGE Geotechnical Workshop -

Friday February 1, 2013, 12:00pm-5:00pm

A-Level Los Angeles Room, Los Angeles Department of Water and Power

111 North Hope Street, Los Angeles, CA 90051, Ph: 213-367-0942

AGENDA:

- | | |
|----------------|---|
| 12:00pm-1:00pm | Lunch and Networking |
| 1:00pm-1:15pm | Opening Remark and Sponsors' Speeches |
| 1:15pm-1:25pm | Students Self-Selling-for-Employment Presentation |

1) Keynote Presentation (1:25pm-2:05pm) – **Nonlinear Deformation Analyses of Liquefaction Effects for Dams**, Invited Speaker: **Dr. Ross W. Boulanger, PE**, Professor, University of California, Davis, Davis, CA .

2) Keynote Presentation (2:10pm-2:50pm) – **Failure Modes and Remediation of Isabella Dam, California**, Invited Speaker: **Mr. Rodney W. Eisenbraun, PE**, Vice President and Dam & Hydropower Segment Leader, Kleinfelder, Inc., Golden, CO.

2:55pm – 3:15pm **Coffee Break**

3) Keynote Presentation (3:15pm-3:55pm) – **California Dam Safety and Geotechnical Challenges - Current DSOD Perspectives**, Invited Speaker: **Mr. David Gutierrez**, Chief of Division of Safety of Dams (DSOD), Sacramento, CA.

4) Keynote Presentation (4:00pm-4:30pm) – **An Update of LADWP Geotechnical Programs and Upcoming Projects**, Invited Speaker: **Dr. Craig Davis, PE, GE**, Geotechnical Engineering Manager, Los Angeles Department of Water and Power (LADWP), Los Angeles, CA.

5) Closing (4:35pm-4:40pm)

Online Registration: Early-bird by January 25, 2013: \$50 regular; \$25 for Government Employees/Students. Afterward: Add \$10. Walkin: Add additional \$10

RSVP: Please make online reservation by clicking [Here](https://docs.google.com/a/iacge.org/spreadsheet/viewform?formkey=dHE4UmJvR2INdGpqNGt1M0FPNWZ3b1E6MQ) or copying the following web address:
<https://docs.google.com/a/iacge.org/spreadsheet/viewform?formkey=dHE4UmJvR2INdGpqNGt1M0FPNWZ3b1E6MQ>

Prestigious Workshop Speakers (Per Speaking Sequence)



Prof. Ross Boulanger, PE
UC Davis



Mr. Rodney Eisenbraun
Vice President, Kleinfelder



Mr. David Gutierrez, PE
Chief of DSOD



Dr. Craig Davis, PE, GE
Geotechnical Engineering
Manager, LADWP



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Prestigious Speakers for the 14th IACGE Workshop



Prof. Ross Boulanger, PE
UC Davis

Professor R. W. Boulanger has been on the faculty of the University of California at Davis since 1992, where he is currently Director of the Center for Geotechnical Modeling. His research has produced over 190 publications, mostly related to liquefaction and its remediation, seismic soil-pile-structure interaction, and seismic response of earth structures. His consulting has included service on panels and boards for numerous embankment dam safety and seismic remediation projects for private, state, and federal organizations. His honors include the Norman Medal, Walter L. Huber Civil Engineering Research Prize, and Arthur Casagrande Professional Development Award from ASCE and the Shamsher Prakash Foundation's Research Award. Dr. Boulanger earned his bachelor degree from University of British Columbia in 1986, and M.S. and PhD from UC Berkeley in 1987 and 1990, respectively.

Rodney Eisenbraun, PE is Kleinfelder's national leader for dam and hydropower segment, based in Golden, Colorado. Rod brings to us 30 years of progressive experience in the management and design of high-profile, complex planning, design, and construction projects. He has considerable expertise in large dam safety, hydropower, and water conveyance assignments. Rod's technical expertise includes structural, hydrology, hydraulics, dam alternatives analysis, design, and construction management related to dam rehabilitation and new dam design. Rod is responsible for managing multi-year, complex water resource projects; and supervising key Water Division staff. Rod earned his Bachelor of Science degree in Civil Engineering from South Dakota School of Mines and Technology and is licensed in Colorado and Wyoming.



Mr. Rodney Eisenbraun
Vice President, Kleinfelder



Mr. David Gutierrez, PE
Chief of DSOD

David Gutierrez is the Chief of the Division of Safety of Dams (DSOD) within the California Department of Water Resources. DSOD is responsible for the regulation of over 1250 dams in the State of California. He has also served as the Deputy Director for Public Safety and Deputy Director for Business Operations for the Department of Water Resources. As Deputy Director of Public Safety, David oversaw the development of FloodSAFE California which is a \$5 billion program designed to help improve integrated flood management. He has about 30 years of civil engineering experience, specializing in dams and levees. He has a Bachelor of Science Degree in Civil Engineering and Master of Science Degree specializing in Geotechnical Engineering from California State University, Sacramento. He is a registered professional civil and geotechnical engineer in the State of California. David has served on the Board of Directors for the Association of State Dam Safety Officials and as President of the organization. He is also a member of the National Dam Safety Review Board and the Strong Motion Instrumentation Advisory Committee of the California Division of Mines and Geology.

Dr. Craig Davis is responsible for managing geotechnical engineering, geotechnical projects and overseeing a \$1 billion dam and reservoir development program. He has worked for the LADWP since 1987 where he has investigated and evaluated numerous dams, managed several multimillion dollar projects, and implemented unique and innovative designs. Dr. Davis is actively involved in earthquake, geotechnical, and lifeline engineering research, developing a number of case studies from the 1971 San Fernando and 1994 Northridge earthquakes and performing evaluations on the seismic performance of dams and reservoirs, pipelines and underground structures, and the effects of ground deformations on water system facilities. Dr. Davis is a California licensed Civil and Geotechnical Engineer and received a B.S. in Civil Engineering from the California Polytechnic State University in San Luis Obispo, CA, an M.S. in Civil University of Southern California in 1991, and a Ph.D. in Civil Engineering with emphasis in geotechnical earthquake engineering from the University of Southern California in 2000..



Dr. Craig Davis, PE, GE
Geotechnical Engineering
Manager, LADWP