



EARTHQUAKE ENGINEERING RESEARCH INSTITUTE NEWSLETTER

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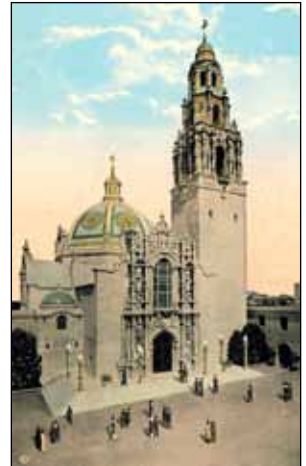
Jay Berger

News of the Institute

Pre-Annual Meeting TCLEE Workshop

On February 9, the day before the first day of the EERI 2011 Annual Meeting at the Hyatt Regency in La Jolla, California, participants have the option to attend the all-day "Workshop on Challenges and Opportunities for Lifeline Systems Engineering," sponsored by the ASCE Technical Council on Lifeline Earthquake Engineering (TCLEE), at a cost of \$50 in addition to the regular Annual Meeting registration fee. The TCLEE workshop consists of three sessions with presentations by academic and practitioner experts on the topics of (1) lessons learned from the 2010 earthquakes in Chile, Haiti, Baja California, and New Zealand; (2) the challenges with lifeline system interdependencies; and (3) the current landscape of guidelines and codes for retrofit and design. There will be ample time for discussions to identify future emphases in research and implementation efforts.

EERI's Annual Meeting events begin the evening of February 9, with the Meet the Mentors hosted icebreaker from 5:30 to 7:00 p.m. With the theme "Earthquakes without Borders," the meeting program deals with cross-border issues, presents methods to mitigate the region's tsunami risk, and addresses the integration of research and practice, effective application of strong motion records, and lessons learned from the major earthquakes of 2010. Additionally, Saturday morning (February 12) will feature two parallel technical sessions on geotechnical and structural engineering.



An Annual Meeting field trip destination: The California Tower and Dome, built for the 1915 Panama-California Exposition, in San Diego's Balboa Park.

continued on page 2

Hanks Selected as 2011 Joyner Lecturer



Thomas C. Hanks

Thomas C. Hanks, a research geophysicist since 1974 at the U.S. Geological Survey in Menlo Park, California, has been selected as the 2011 William B. Joyner Lecturer. His lecture is entitled "Extreme Ground Motions," based on a Department of Energy five-year research program (ExGM) in which several dozen scientists participated. Extreme ground motions are the extremely large-amplitude ground motions that occur at extremely low probabilities of exceedance. Hanks will deliver this lecture on February 12 during the 2011 EERI Annual Meeting in San Diego (see above) and at the Seismological Society of America (SSA) Annual Meeting to be held April 13-15 in Memphis, Tennessee.

Hanks has been a leader in the development and implementation of the ExGM Program. Motivated by the need to predict how much the ground would move when very rare earthquake ground motion occurs — that is,

continued on page 6

New NEES-EERI Webinar Series: 1st is on Wood Buildings

EERI is teaming with the George E. Brown, Jr. Network for Earthquake Engineering Simulation (NEES) to host a new webinar series entitled "Reducing Earthquake Losses: From Research to Practice." The webinar series will focus on the outcomes of NEES research and their significance to engineering design and construction. The content of the webinars is designed to appeal to both practitioners and researchers. Webinars will be available to attendees at no cost, and available both live and archived on www.nees.org. Attendees can also earn CEUs for a small fee.

The first webinar of the series, "Performance-Based Seismic Design of Mid-Rise Light-Frame Wood Buildings," to be held 11:30 a.m. – 1:00 p.m. PST on January 14, 2011, will summarize key findings of the

NEESWood project, suggested design approaches, and code implications forthcoming.

NEESWood Principal Investigator, John W. van de Lindt will be joined by Steve Pryor, international director of building systems for Simpson Strong-Tie, to discuss this groundbreaking research project. The webinar will start with a short overview of the project, the major tests on two-story and six-story full-scale buildings, and the SAPWood modeling software. The presenters will then address effects of nonstructural finishes on structure behavior, hold-down forces, continuous rod system elongation and forces, inter-story drift limits, and accidental torsion. A discussion of the proposed design approach will include direct displacement design, use of numerical methods, rigid body calculations, and diaphragm design. The webinar will conclude with a short discussion of the effects on current codes and a proposed inclusion in forthcoming design code updates.

Renew Your EERI Membership Online

On November 15, all members were e-mailed first membership renewal notices for 2011, the first time this has been done electronically. The message provides the current membership type and a link that takes you to a personal page showing your contact information, with options for selecting chapter membership and making a voluntary contribution.

If you did not receive this message, please e-mail Membership Coordinator Juliane Lane, juliane@eeri.org, and she can resend the message with your personal link.

Due to the prolonged economic slump, the EERI Board has frozen membership dues at 2009 levels. Your contributions, whether through participation at EERI events, contributions to programs, or through membership dues, make the Institute a dynamic and relevant technical organization.

The NSF-supported Learning from Earthquakes Program remains an irreplaceable hallmark of EERI activity, serving both our multidisciplinary membership and the larger earthquake and hazards community. For each event in this unprecedented earthquake year, EERI members were on site, conducting vital reconnaissance.

Earthquake Spectra's impact factor of increased seven-fold over the past decade, and now ranks second among 106 journals with a focus on earthquake engineering and science.

EERI 2011 Annual Meeting

continued from page 1

To register and find everything else you need to know about the meeting, visit <http://www.eeri.org/registration/am.php>. It has a link to make hotel reservations for the EERI group rate of \$179/single or double. The brochure about the meeting, soon to be mailed to all EERI members, can be viewed on the site and downloaded from there. Register today to take part in this interesting program!

Poster Abstracts & Travel Grant Deadline Extended

The deadline for submission of poster abstracts and travel grant applications has been extended to December 8.

Poster Abstracts: For the Thursday (February 10) poster session (6:00-7:30 p.m.), abstracts that address a topic being emphasized during the Annual Meeting program are partic-

ularly encouraged: tsunami research, border issues, southern California's earthquake risk, emergency response, policy issues, and research in early stages.

For the Friday (February 11) poster session (6:00-7:30 p.m.), academic posters are encouraged that target advanced research nearing completion focusing on technology transfer to practitioners. Practitioner posters are encouraged that target innovative applications of research in practice or identified code-based needs for research. For submission information, visit <http://www.eeri.org/site/meetings/2011-annual-meeting>.

Annual Meeting Travel Scholarships: Several scholarships are available to assist student members and younger EERI members (out of school no more than three years) to attend the 2011 Annual Meeting, thanks to support from FEMA. The financial support will be contingent upon participation in one of

the poster sessions (see above), either through the applicant's own research project, or as a representative of a student chapter depicting the chapter's activities. For application information, visit <http://www.eeri.org/site/meetings/2011-annual-meeting>.

Learning from Earthquakes Haiti Workshop on Research Needs

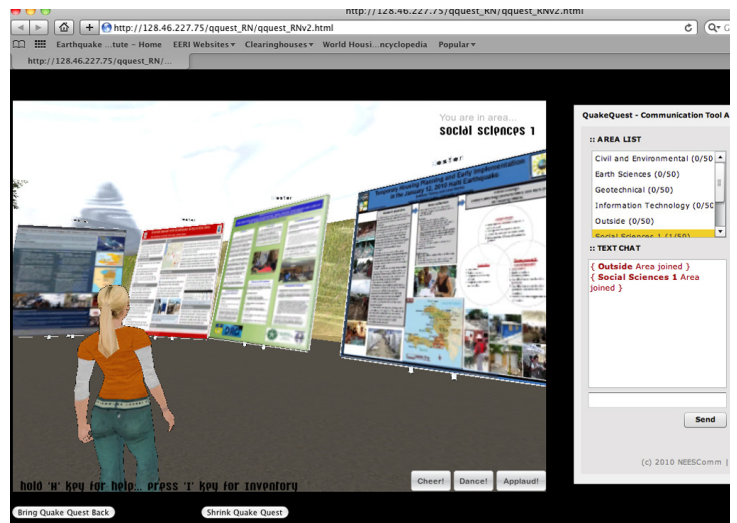
On September 30 and October 1, 2010, EERI convened a workshop with support from the U.S. National Science Foundation (NSF). The workshop brought together grantees who received NSF RAPID awards after the 2010 Haiti earthquake, several Haitian researchers, representatives of the National Earthquake Hazards Reduction Program (NEHRP) agencies, and representatives of several other agencies with an interest in earthquake risk reduction and international programs. Participants identified emerging research needs and explored opportunities for collaboration among researchers in the U.S. and Haiti.

Three researchers served as the steering committee chairs of the workshop: Reginald DesRoches, Georgia Tech; Marc Eberhard, University of Washington; and Mimi Sheller, Drexel University. Additional members of the steering committee included Louise Comfort, University of Pittsburgh; Robert Fleischman, University of Arizona; Sean Gulick,

University of Texas; Jose Holguin-Veras, RPI; Kevin Meehan, University of Central Florida; Ozlem Ergun, Georgia Tech; and John Yen, Penn State University.

In addition to making brief presentations, RAPID awardees prepared posters for their projects, which were available for viewing during the workshop and then made available for downloading at the NEEShub site, <https://nees.org/collaborate/groups/haitirapidsandresearchworkshop/wiki>.

The posters can also be viewed in an innovative virtual world, Quake Quest, created by NEEScomm programmers, accessible from <https://nees.org/resources/1064>. EERI members are encouraged to visit this virtual world, where they can move from room to room viewing



Quake Quest virtual world, where your avatar can roam from poster to poster.

posters and leave comments for the authors.

Recommendations on emerging research themes and needs from the workshop breakout groups are summarized in the workshop report, which is available on the EERI Haiti earthquake clearinghouse website, along with presentations and break-out group reports: <http://www.eqclearinghouse.org/20100112-haiti/haiti-rapids-and-research-needs-workshop>.

Publications

Printed *Proceedings* of 9USN/10CCEE, 14WCEE

9USN/10CCEE: A printed version of the *Proceedings of the 9th US National and 10th Canadian Conference on Earthquake Engineering* (2010) can be ordered from Curran Associates by visiting <http://www.proceedings.com/09018.html>. They consist of nine softcover volumes and 7,590 pages, with more than 750 papers, organized by session and containing an author index. Their cost is \$595 plus shipping (ranging from \$26 to \$51 for UPS ground service within the U.S.), plus sales tax (if applicable).

EERI members can order the DVD version of the *Proceedings* for \$50

(\$125 nonmembers) plus tax (if applicable) and shipping from the EERI Online Store at https://www.eeri.org/cds_publications/catalog/. The topics and subtopics can be viewed by clicking on the title in the "New Products" listing.

14WCEE: The Organizing Committee of the 14th World Conference on Earthquake Engineering (14WCEE), held in Beijing in 2008, has published the hard copy of the *Proceedings* through the Seismological Press of China. They consist of a total of 41 volumes containing more than 3,000 papers and can be ordered one of three ways: (1) by the volume for

RMB 680 yuan (\$US102.42) each, (2) at a 10% discount for more than 10 volumes, or (3) the whole set at a 15% discount for RMB 23,698 yuan (\$US3,569.24). These prices do not include shipping.

A PDF containing a list of the topic areas in each volume and an order form can be downloaded from http://www.eeri.org/cds_publications/14WCEE_Proceedings_Order_Form.pdf.

To place an order, follow the instructions in the PDF for making a wire transfer and e-mailing or faxing the order form to the conference secretariat. The *Proceedings* will be sent to you within two months after receiving the payment.

Learning from Earthquakes Indonesia Earthquake and Tsunami

This report was contributed by Verónica Cedillos of GeoHazards International and Nick Alexander of Degenkolb Engineers.

On Monday, October 25, 2010, at 9:42 p.m. local time, an M7.7 earthquake struck west of South Pagai, a small island that forms the southern chain of the Mentawai Islands off western Sumatra. The epicenter was 175 miles south of Padang, West Sumatra, Indonesia. The earthquake occurred along the Sunda megathrust, the subduction zone off the coast of Sumatra, which marks the boundary between the Sunda and Australian plates. The event's epicenter was 12.8 miles deep and caused a tsunami affecting the islands in the southern part of Mentawai Islands. According to the USGS, it is likely that this earthquake occurred along the plate interface and was part of a sequence of large earthquakes that have recently occurred along the Sunda megathrust, including the 2004 Indian Ocean earthquake and tsunami and the 2009 Padang earthquake.

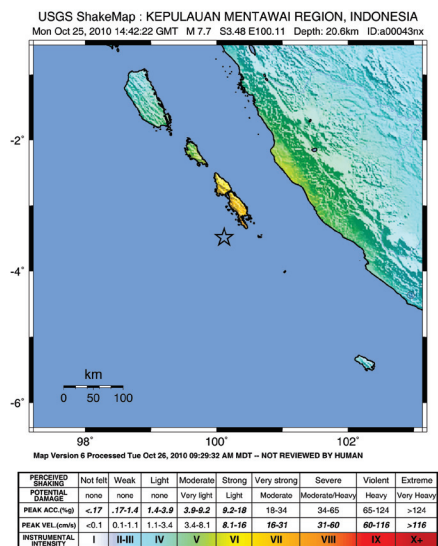
Reports indicate that the tsunami wave was up to seven meters in height and arrived as quickly as five minutes after the earthquake. Although a tsunami early warning system installed after the 2004 Indian Ocean tsunami runs along this subduction zone, the warning was not disseminated quickly enough to save villagers on these remote islands. Such warning systems are most effective for people who live hours away from the tsunami source. Since the 2004 tsunami, many organizations have focused on raising awareness and training people in at-risk areas in Sumatra to evacuate once they feel a strong earthquake. Unfortunately, these efforts, although a good start, have not reached all at-risk areas, and many villagers,

although aware, lack access to adequate evacuation routes that would have led them to safety in time.

The earthquake was also felt in Padang, but did not cause any significant damage or generate a tsunami in that area. The shaking did cause some people in Padang to leave their homes, and some even evacuated inland. Around 15,000 villagers along other parts of the Mentawai Islands — which also felt the earthquake but were not affected by a tsunami — were moving to high ground at night even weeks after the earthquake for fear of another disaster.

The remoteness of the islands has made the response efforts challenging. Numerous boats with medical supplies and food were unable to leave the main ports in Padang for days because of bad weather. It takes over 12 hours to go from Padang to the Mentawai Islands by boat. Most of the aid immediately following the disaster could only come in by helicopter. The inability to communicate with many of the remote villages and limited road access further aggravated the situation. According to estimates from the West Sumatra Disaster Management Agency, more than 445 people were killed, 58 people are missing, and 173 people sustained severe injuries. Hundreds of homes, mostly wooden structures, were completely destroyed in 20 villages.

Based on studies by Kerry Sieh at Earth Observatory in Singapore, this event has not released the built-up stress between the plates at this segment of the subduction zone. This indicates that the Mentawai Islands (population 80,000) and Padang (population 900,000) are still under a high risk of a larger tsunami. Similar to the conclusion drawn from the 2009 Padang earthquake, this event underscores the need to continue the concerted effort to prepare the community through the well-developed use of warning systems and evacuation routes and procedures. It also shows the importance of establishing access for aid and relief during such events.



Location of epicenter and shaking intensity (source: USGS)

GEER Report on New Zealand Earthquake

The preliminary report by the Geo-Engineering Extreme Events Reconnaissance Association (GEER) on the geotechnical effects of the September 4, 2010, M_w 7.1 Darfield (New Zealand) earthquake is now available at [http://www.geerassociation.org/GEER_Post EQ Reports/Darfield New Zealand 2010/Cover_Darfield_2010.html](http://www.geerassociation.org/GEER_Post_EQ_Reports/Darfield_New_Zealand_2010/Cover_Darfield_2010.html). The most significant aspects of the earthquake were geotechnical in nature, with liquefaction and lateral spreading being the principal causes for the extensive damage inflicted on lifelines, residential houses, and unreinforced masonry buildings. The main funding for the US contingent for the reconnaissance effort came from NSF (via GEER), with partial support coming from PEER and EERI. The team was led by Russell Green (Virginia Tech) and Misko Cubrinovski (University of Canterbury). GEER contributed to the EERI report on this event published in the November 2010 *Newsletter*, available at http://www.eeri.org/site/images/eeri_newsletter/2010_pdf/EERI_NewZealand_EQRpt-web.pdf.

News of the Profession

USA and China Begin New Collaboration

Investigating the potential for seismic scientific and engineering research collaboration with China, a group of 19 U.S. researchers and practitioners visited Beijing and Sichuan Province from October 18 to October 22. The trip, organized by Dennis Hwang of the Chinese Chamber of Commerce of Hawaii and EERI members Gary Chock and Ivan Wong, was initiated at the request of Dr. Lu Yongxiang, the president of the Chinese Academy of Sciences. The first day of the three-day China/USA Symposium for the Advancement of Earthquake Sciences and Hazard Mitigation Practices was held in Beijing, consisting of a series of presentations from Chinese and U.S. participants. The next two days were spent in Sichuan Province (in Mianyang City and Beichuan County), understanding the effects of the devastating Wenchuan earthquake of May 12, 2008. The group visited the town of Beichuan (20,000 residents), which has been left as a memorial to the earthquake, and the new Beichuan County town that was built in just two years, in accordance with an innovative master plan.

The U.S. team also participated in two full days of meetings on October 18 and October 22 with other organizations involved in earthquake research, including the China Earthquake Administration, the China Academy of Building Research, the Ministry of Civil Affairs Natural Disaster Reduction Centre, Beijing Normal University's Academy of Disaster Reduction and Emergency Manage-

ment, Tsinghua University's Disaster Prevention and Mitigation Project, the National Earthquake Response Support Service, the Center for Earth Observation and Digital Earth of the China Academy of Sciences, the China Development Research Foundation, and several other institutions.

As a result of the symposium, site visits, and informal meetings, both China and the USA learned significant lessons on such issues as siting, building design, building codes, hazard risk reduction, emergency preparation, and long-term recovery. Important relationships were established that will help in future collaborative efforts. Summaries of these meetings will be posted at <http://www.eeri.org/site/meetings/us-china-symposium>. It is anticipated that the symposium will become a continuing biennial event at venues alternating between China and the USA.

The symposium was co-sponsored by the China Science Center of International Eurasian Academy of Sciences, the Architectural Society of China, the China Academy of Building Research and the China Academy of Urban Planning and Design. The China Association for International Friendly Contact also contributed support. Many of the U.S. participants paid their own travel expenses, with additional funding support, as of this writing, provided by the Coastal Zone Foundation, the Beatrice M. H. Young Foundation, and the University of Hawai'i at Manoa College of

Engineering.

Special Projects Manager Marjorie Greene and EERI President-Elect Tom Tobin represented EERI in the joint discussions. Other U.S. participants included EERI members Daniel Abrams, Doug Bausch, Richard Eisner, Eduardo Miranda, Mark Petersen, J.P. Singh, Kenneth Stokoe II, and Yumei Wang, as well as Mathew Francis, Nico Luco, Chaoying Luo, Ian Robertson, Christine Theodoropoulos, and Guangren Yu.



In the old town of Beichuan, a collapsed masonry apartment building was under construction at the time of the earthquake. The entire town has been abandoned and turned into a memorial.



New apartment buildings in relocated Beichuan.



The USA and China participants who gave presentations at the symposium. To view this photo full-size with a caption listing names and affiliations, visit <http://www.eeri.org/site/meetings/us-china-symposium>.

Job Opportunities

NSF Program Director

The Division of Civil, Mechanical and Manufacturing Innovation (CMMI) of the National Science Foundation seeks to fill the Program Director position for the Hazard Mitigation and Structural Engineering (HMSE). NSF program directors solicit, receive, and review research and education proposals, make funding recommendations, and administer awards. Consideration of applications began November 19 and will continue until a selection is made. Qualifications: a Ph.D. in a relevant discipline, an established record of research and education, and managerial experience in academe, industry or government, plus six years of successful research and research administration.

For more information, visit http://www.nsf.gov/about/career_opps/vacancies/scientific.jsp.

Lehigh Position

The Department of Civil and Environmental Engineering at Lehigh University in Bethlehem, Pennsylvania, invites applications for a tenure track assistant professor whose research focuses on computational simulation of the performance of civil infrastructure systems. Knowledge of nonlinear dynamic finite element methods, probabilistic numerical simulation methods, or high performance computing is essential. Required: A Ph.D. in civil engineering or a closely related field; ability to teach civil and structural engineering courses at undergraduate and graduate levels. Candidates must demonstrate a strong potential to develop an externally funded research program and make innovative contributions.

For more information visit http://cf.lehigh.edu/facjobs/facjob_post_detail.cfm?intFacPostID=102.

Review of applications will begin in December 2010 and will continue until the position is filled.

2011 Joyner Lecture (continued from page 1)

ground motion that might happen once in 100 million years — around the designated federal nuclear waste repository at Yucca Mountain, Nevada, the project's purpose was to investigate the nature and plausibility of extreme ground motions. The final report on the project is now being prepared.

Hanks began studying the causes and effects of earthquakes as a graduate student at the California Institute of Technology, after witnessing firsthand the effects of the 1971 San Fernando earthquake in southern California. In 1979, Hanks and EERI member Hiroo Kanamori, professor of seismology at Caltech, developed the moment magnitude (M_w) scale to replace the Richter scale for measuring the relative strength of earthquakes. The M_w scale gives the most reliable estimate of earthquake size, as the Richter scale saturates at magnitudes greater than about 7, making very large events difficult to distinguish. The USGS adopted the moment magnitude scale as its standard in 2000.

Given annually since 2003, the William B. Joyner Memorial Lectures were established by the Seismological Society of America (SSA) in cooperation with EERI to honor Bill Joyner's distinguished career at the U.S. Geological Survey and his abiding commitment to the exchange of information at the interface of earthquake science and earthquake engineering. Joyner lecturers are chosen on the basis of their work at this interface.

Announcement

NEEShub Workshop at CMMI Conference

"NEES Platform for Cyber Collaboration," a workshop on NEEShub usage, will be presented by NEES on January 4, 2011, during the NSF CMMI Engineering Research and Innovation Conference being held January 4-7 in Atlanta, Georgia. The workshop will feature presentations introducing researchers and educators to the NEEShub's features, describing the NEES repository of earthquake engineering data called The Project Warehouse, and covering significant aspects of tools and other resources available in the NEEShub.

This NSF CMMI conference, with the theme "Engineering for Sustainability and Prosperity," sponsored by the Division of Civil, Mechanical and Manufacturing Innovation, will emphasize the role civil, mechanical, industrial, and manufacturing engineers will be required to play in addressing the world's growing challenges of using energy and natural resources in a sustainable manner. Conference activities will include more than 1,000 poster presentations; technical tours; and plenary and breakout sessions on funding opportunities and proposal writing, research needs, opportunities, and best practices. For more information, visit <http://www.cmmigranteeconference.org/>.

Call for Papers

DFI Annual Conference

The Deep Foundations Institute (DFI) is calling for papers for its 2011 Annual Conference, scheduled for October 18-21 in Boston, Massachusetts, on the theme of "Foundations for Our Future." For suggested topics, visit <http://www.dfi.org/conferencedetail.asp?id=172>. Abstracts not exceeding 300 words are due online at www.dfi2011submissions.org by December 10, 2010.

Announcement

DHS Scholarship Program for Undergrads

U.S. Department of Homeland Security Scholarship Program supports undergraduate students interested in pursuing the basic science and technology innovations that can be applied to the DHS mission. U.S. citizenship is required of applicants. Funding will be available for fall 2011, will provide full tuition and monthly stipends, and includes 10-week summer internships at federal research facilities or DHS Centers of Excellence.

The application deadline is January 5, 2011. For complete information, visit <http://www.orau.gov/dhsed/>.

CALENDAR

The issue containing the first appearance is indicated at the entry's end. Items listed for the first time are shown in bold.

2010

DECEMBER

1-3. 3rd Asia Conference on Earthquake Engineering (ACEE 2010), Bangkok, Thailand. Info: <http://acee2010.com/> (7/10)

18-20. 11th International Symposium on Structural Engineering (ISSE-11), Guangzhou, China. Info: <http://www.isse-11.org> (2/10)

2011

JANUARY

4-7. NSF CMMI Engineering Research and Innovation Conference, Atlanta, Georgia. Includes NEEShub Workshop. See page 6. (12/10)

10-13. 5th International Geotechnical Earthquake Engineering Conference (5-ICEGE), Santiago, Chile. Info: www.5icege.cl (11/09)

14. NEES-EERI Webinar on Performance-Based Seismic Design of Mid-Rise Light-Frame Wood Buildings. See page 2. (12/10)

26-28. 12th East Asia-Pacific Conference on Structural Engineering and Construction (EASEC-12), Hong Kong. Info: http://bccw.cityu.edu.hk/easec12/wp_special_session.asp (5/10)

FEBRUARY

9-12. EERI Annual Meeting, La Jolla, CA. Info: www.eeri.org/site/2011-annual-meeting. See page 1. (4/10, 9/10, 10/10, 11/10, 12/10)

18. Khan Lecture Series, Lehigh University, Bethlehem, PA. Info: www.lehigh.edu/frkseries (10/10)

MARCH

25. Khan Lecture Series, Lehigh University, Bethlehem, PA. Info: www.lehigh.edu/frkseries (10/10)

30-April 1. DHS Science Conference on Transportation, Washington, D.C. Info: <http://www.orau.gov/dhssummit/> (12/10)

APRIL

8. Khan Lecture Series, Lehigh University, Bethlehem, PA. Info: www.lehigh.edu/frkseries (10/10)

13-15. SSA Annual Meeting, Memphis Tennessee. Info: <http://www.seismosoc.org/meetings/2011/index.php> (12/10)

29-30. BESS 2011, Pomona, CA. Info: www.bessymposium.org (11/10)

MAY

16-18. Sixth International Conference on Seismology and Earthquake Engineering (SEE6), Tehran, Iran. Info: www.see6.ir (8/10)

26-28. COMPDYN 2011: 3rd International Conference on Computational Methods in Structural Dynamics & Earthquake Engineering, Corfu, Greece. Info: <http://www.compdyn2011.org/> (10/10)

JUNE

26-28. GeoRisk 2011, Atlanta, GA. Info: www.georisk2011.org (8/10)

27-July 8. 25th International Union of Geodesy and Geophysics (IUGG) Assembly, Melbourne, Australia. Info: <http://www.iugg2011.com/> (6/09)

JULY

4-6. 8th European Conference on Structural Dynamics (EURODYN 2011), Leuven, Belgium. Info: www.eurodyn2011.org (6/10)

AUGUST

30-Sept. 1. 3rd International Workshop on Performance, Protection, & Strengthening of Structures under Extreme Loading (Protect 2011), Lugano, Switzerland. Info: www.protect2011.supsi.ch (8/10)

SEPTEMBER

18-23. 1st Int'l Conference on Earthquakes and Structures (ICEAS-2011), Seoul, S. Korea. Info: <http://asem11.cti3.com/> (12/10)

OCTOBER

2-6. 7th World Congress on Joints, Bearings, & Seismic Systems for Concrete Structures, Las Vegas, NV. Info: www.ijbrc.org/ (8/10)

18-21. Deep Foundations Institute (DFI) Annual Conference, Boston, MA. See page 6. (12/10)

2012

JANUARY

9-11. STESSA 2012, Santiago, Chile. Info: www.ingcivil.uchile.cl/stessa2012 (11/10)

FEBRUARY

15-18. 4th Int' Conference on Grouting & Deep Mixing, New Orleans, LA. Info: www.dfi.org/conference-detail.asp?id=163 (5/10)

JULY

8-12. 6th Int'l Conference on Bridge Maintenance, Safety and Management (IABMAS 2012), Lake Como, Italy. Info: <http://www.iabmas2012.org> (12/10)

SEPTEMBER

24-28. 15th World Conference on Earthquake Engineering (15WCEE), Lisbon, Portugal. Info: www.15wcee.org (8/10)

OCTOBER

3-6. Symposium on Life-Cycle Civil Engineering (IALCCE), Vienna, Austria. Info: www.ialcce2012.org (12/10)



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EERI Newsletter, December 2010 Volume 44, Number 12

News of the Institute

Remember to Vote!

If you are a regular, young professional, or honorary EERI member, you have until January 1, 2011, to visit <http://www.eeri.org/survey/index.php?sid=69459> and cast your ballot

online in the EERI Board of Directors election. The terms of directors Jack Moehle and Masayoshi Nakashima will expire in 2011. Nominated to fill those two slots are Lori Dengler (Humboldt State University, Arcata, California) and Ivan Wong, (URS Corporation, Oakland, California) for Director A, and David Friedman, (Forell/

Elsesser Engineers, San Francisco, California) and John Wallace (University of California, Los Angeles) for Director B. The online ballot has links to all the candidates' biographies and vision statements. If you prefer a paper ballot, contact Juliane Lane at juliane@eeri.org by December 15.

Remember EERI Before This Tax Year Ends

December brings the last chance for you to reduce next April's tax burden by making a donation to the EERI Endowment Fund. Your gift will enable EERI to support worthy projects independently of government funding. Your contributions provide essential funding for innovative projects judged to be of value for which traditional funding is not available. Many recent Endowment initiatives have gained importance within the

earthquake professions and throughout many seismically vulnerable areas of the world. Projects funded in 2010 include documentation of the Berkeley, California, soft-story evaluation program; development of a straw bale construction tutorial; and continued support of the Confined Masonry Network.

The generosity of EERI members has allowed EERI to create many valuable programs since the Endow-

ment's inception in 1994. Your gift will enable EERI to build on this substantial foundation. The 2011 dues statement has an option to make a donation, or to donate online, visit <http://www.eeri.org/> and click on the donate button in the right column.

Under the Pension Protection Act of 2006, members aged 70.5 years and older may make donations from IRAs without claiming the distributions as income. Please consider discussing this opportunity to support the EERI Endowment with your tax advisor.

EERI Endowment Fund Donors

EERI would like to thank the donors to the Endowment Fund shown below and acknowledge their recent contributions. EERI's Endowment supports those innovative projects that ensure the Institute's continuing leadership in the earthquake engineering professions.

\$2,000

James Malley

\$750

Joseph Penzien

\$500

Robert Chittenden
Laurence Kornfield &
Catherine Bauman

\$200-\$499

Thalia Anagnos
Ian Buckle
Franklin Lew

\$200-\$499 (continued)

William Petak
Roland & Jane Sharpe
Hassan Sughayer

\$100-\$199

William Anderson
Bruce Clark
Kevin Coppersmith
David Dowrick
W. D. Liam Finn
Kazuta Hirata

\$100-\$199 (continued)

Edward Kavazanjian, Jr.
Marshall Lew
John Meyer
Vilas Mujumdar
Joseph Nicoletti

Other Amounts

Gilles Bureau
William Elliott
James Lai
Thomas Schacher
Mike Witmer

EERI Web Usage Survey

On November 18, an e-mail was sent to all members requesting that they spend a few minutes responding to a survey to help EERI's IT Committee understand how EERI's websites are used. The survey asks responders to rate specific EERI web services and sites, and asks for suggestions on how they can be improved. Your answers and comments will provide EERI staff and the IT Committee with information needed to set the future direction for EERI's websites. If you have not yet responded to the survey, please visit <http://www.surveymonkey.com/s/L8QFV7Y>.