



**EARTHQUAKE ENGINEERING  
RESEARCH INSTITUTE  
NEWSLETTER**

Editor Stephanie King  
Associate Editors Sarah Nathe  
Gerald Brady  
Editorial Assistant Eloise Gilland

Earthquake Engineering  
Research Institute  
499 14th Street, Suite 320  
Oakland, California 94612-1934  
Phone: 510/451-0905  
Fax: 510/451-5411  
e-mail: [eeri@eeri.org](mailto:eeri@eeri.org)  
Web site: <http://www.eeri.org>

ISSN 0270-8337

Reproduction with attribution is permitted.

**EARTHQUAKE ENGINEERING  
RESEARCH INSTITUTE**

PRESIDENT  
Chris D. Poland

PRESIDENT-ELECT  
Thomas D. O'Rourke

VICE PRESIDENT  
Svetlana Brzev

SECRETARY-TREASURER  
Ronald L. Mayes

BOARD OF DIRECTORS  
Sergio M. Alcocer  
Donald Ballantyne  
Svetlana Brzev  
Mary C. Comerio  
Melvyn Green  
Ronald L. Mayes  
Dennis Mileti  
Thomas D. O'Rourke  
Chris D. Poland

EXECUTIVE DIRECTOR  
Susan K. Tubbesing

**News of the Institute**

**EERI Welcomes Thalia Anagnos as  
New Newsletter Editor**

Thalia Anagnos, Professor of Civil Engineering at San Jose State University, has been chosen as EERI's new *Newsletter* editor. She will replace Stephanie King, director of risk analysis for Weidlinger Associates, who is stepping down after three and a half years in the post. EERI extends heartfelt thanks to King for serving the Institute and the profession so well with her outstanding work as editor.

Thalia Anagnos joined EERI in 1982 while she was still a graduate student. She has served on a number of committees including the Seismic



*New Editor Thalia Anagnos*

Risk and Student Activities Committees. Recently she served on the Board of Directors of EERI and was vice president in 2001. As Chair of the Publications Policy Committee, she worked closely with the *Earthquake Spectra* editor and EERI staff to implement the online version of the journal. In addition to her teaching duties at San Jose State University, she is involved in loss estimation research and was active in the development of HAZUS. Currently, she is on the CUREE consortium development team for the George E. Brown, Jr., Network for Earthquake Engineering Simulation.



*Outgoing Editor Stephanie King*

**News of the Institute**

**Don't Procrastinate — Register for 7NCEE  
by June 21 and Save \$50**

By now, all EERI members should have received the Preliminary Program containing registration and hotel information for the 7th U.S. National Conference on Earthquake Engineering, being held in the historic New England city of Boston, Massachusetts, July 21-25, 2002. If you have not received it yet, e-mail [7ncee@eeri.org](mailto:7ncee@eeri.org), or check the web site [www.eeri.org/news/Meetings/7nceef.html](http://www.eeri.org/news/Meetings/7nceef.html), where you can also register. With the challenging theme of "Urban Earthquake Risk," excellent attendance is anticipated. Be sure to register early — a late registration fee of \$50 will apply after

*continued on page 3*

## News of the Profession

### NIST and FEMA Sign MOU

To strengthen their response and research capabilities for dealing with fire, building, and homeland security issues, the National Institute of Standards and Technology (NIST) and the Federal Emergency Management Agency (FEMA) recently signed a memorandum of understanding (MOU). The agreement designates NIST to serve as a research and technical resource for FEMA, and will strengthen the collaborative bonds between the two agencies.

Both agencies recognize that their missions in fire prevention, natural disaster mitigation, and man-made disaster events are highly complementary and that, based on their history of successful collaborations following disasters, it is in the public interest to continue to draw on this relationship.

Under the MOU, NIST and FEMA will work jointly to reduce loss of life and property, and protect the nation's buildings and infrastructure from all types of hazards; aid the development of technology and methods to evaluate equipment for use by the nation's fire, rescue, civil defense services, and other first responders; and ensure that FEMA can quickly call on NIST for assistance with scientific and technological services in disaster investigations, recovery planning, and support technologies.

The agencies agreed to the following: (1) to develop and implement an annual process to plan, rank, select, and fund projects of mutual interest in fire prevention, disaster mitigation, homeland security, and evaluation of equipment for first responders; and (2) to establish protocol for a quick deployment mechanism to be activated when both agencies deter-

mine a need for a NIST response to extreme events.

More information on the NIST-FEMA MOU is available at [www.nist.gov/public\\_affairs/releases/nistfema.htm](http://www.nist.gov/public_affairs/releases/nistfema.htm).

---

## Announcements

### Internet Site for European Strong-Motion Data (ISESD)

The Internet Site for European Strong-Motion Data (ISESD) is now fully operational. Strong-motion data from Europe and the Middle East can be downloaded from the web site. At present there are 1,974 records from 805 earthquakes recorded at 622 different stations available for download. All necessary details are provided on the Internet site.

There are four mirror sites of the database — one in each of the four partners' institutions. The URLs are [www.isesd.cv.ic.ac.uk](http://www.isesd.cv.ic.ac.uk), [smbase.itsak.gr](http://smbase.itsak.gr), [seismo.univ.trieste.it](http://seismo.univ.trieste.it), and [www.isesd.hi.is](http://www.isesd.hi.is).

This two-year project has been undertaken by N. Ambraseys, P. Smit, and J. Douglas of the Department of Civil and Environmental Engineering, Imperial College of Science, Technology and Medicine, United Kingdom; R. Sigbjörnsson, Earthquake Engineering Research Centre, University of Iceland; P. Suhadolc, Dipartimento di Scienze della Terra, Università degli Studi di Trieste; and B. Margaris, Institute of Engineering Seismology and Earthquake Engineering, Ministry of Environment and Public Works, Greece. Support was provided by the European Commission 5th Framework Programme, the European Commission 4th Framework Programme, and the Engineering and Physical Sciences Research Council.

## Announcements

### Implementation of Landslide Hazard Mitigation Guidelines

In 1997, the California Department of Conservation, Division of Mines and Geology, released *Special Publication 117*, which presented a summary overview of analysis and mitigation of earthquake-induced landslide hazards. The document also provided guidelines for the review of site-investigation reports by regulatory agencies designated to enforce the Seismic Hazards Mapping Act.

In 1998, a group of practicing geotechnical engineers and engineering geologists was assembled to develop implementation procedures. The result is a document now available from the Southern California Earthquake Center (SCEC) entitled *Recommended Procedures for Implementation of DMG Special Publication 117: Guidelines for Analyzing and Mitigating Landslide Hazards in California*. For more information about the June 20-21 SCEC workshop on the recommended procedure and to download the document, see [www.scec.org/resources/](http://www.scec.org/resources/).

---

## Student Chapter News

### New Student Chapter at Purdue University

A new EERI Student Chapter was recently formed at Purdue University with an initial membership of 24. Professor Mete Sozen generously donated his EERI Distinguished Lecturer honorarium to initiate the chapter. The first chapter board of directors includes President Baki Ozturk, Vice-President Antonio Carraro, Treasurer Gerardo Aguilar, and Secretary Joel del Rio. The chapter advisor is Professor Julio Ramirez.

## Announcements

### US-China Earthquake Engineering Foundations and Symposium in Honor of Liu

Under the leadership of George W. Housner of Caltech and Xiaozhai Qi of the Institute of Engineering Mechanics of the China Seismological Bureau (IEM, CSB), the U.S.-China Earthquake Engineering Foundations (one in the United States and one in China) have been established.

The foundations were set up to honor the late Professor Huixian Liu, the founder of earthquake engineering in China and IEM's first director. Liu was a leader in pioneering efforts to develop earthquake engineering in China and tirelessly pursued his lifelong drive to advance the field through expanded U.S.-China cooperative research. The year 2002 marks the 90th anniversary of Liu's birth.

The foundations will be officially launched during a special symposium on Thursday, August 15, 2002, in Harbin, China. It will be held in conjunction with the International Conference on Advances and New Challenges in Earthquake Engineering Research, hosted by IEM under the auspices of the Asian-Pacific Network of Centers for Earthquake Engineering Research.

All international scholars in earthquake engineering are welcome to attend this special symposium in honor of Professor Liu, and to contribute their work to the International Conference in Harbin.

For more information, contact Xiaozhai Qi, chairman of the organizing committee, at [ieec2002-iem@iem.net.cn](mailto:ieec2002-iem@iem.net.cn) or [qxz@iem.net.cn](mailto:qxz@iem.net.cn).

## 7NCEE Registration

*continued from page 1*

June 21. Because space is limited on the Wednesday evening dinner cruise, it's possible that there may not be room on the cruise for late registrants.

There is a double dividend for making hotel reservations on or before June 21: you will help EERI fill its room block, and you will get the group room rate. For your convenience, this *Newsletter* contains a registration form and information about the technical tours. On pages 4 and 5 of the May *Newsletter*, there are lists of the times and titles of the non-plenary presentation sessions.

## Generous 7NCEE Financial Supporters

The following EERI Subscribing Members have made donations to underwrite some of the expenses of the 7th National Conference on Earthquake Engineering (7NCEE): Applied Insurance Research, Inc., Kinemetrics, Inc., KPFF Consulting Engineers, the Mid-America Earthquake Center, the Multi-disciplinary Center for Earthquake Engineering Research, and the Pacific Earthquake Engineering Research Center. Almost all of these organizations will have exhibit booths at the conference; attendees are encouraged to stop by and find out more about them and their services.

Grants from FEMA and the USGS will help defray the expenses of publishing conference proceedings. A grant from the National Science Foundation will provide travel stipends of \$500 each to forty graduate students in the United States, along with a waiver of registration fees.

The Institute gratefully extends thanks to these organizations for their generosity and leadership in the earthquake engineering field. It's not too late to make a donation or sponsor an entire conference function — other organizations are encouraged to do so!

Applied Insurance Research, Inc. (AIR) is the first firm to come forward to sponsor the conference luncheon on Tuesday, July 23. With an office in Boston, AIR will welcome the 7NCEE participants to their city with this sponsorship. AIR (web site [www.air-boston.com](http://www.air-boston.com)) is a leader in providing analytical tools and software systems to help companies manage risks associated with natural catastrophes, weather, and climate. Founded in 1987 by Karen Clark (president and CEO), AIR pioneered the probabilistic catastrophe modeling technology that is used today by the world's leading insurers, reinsurers, and financial institutions to identify, quantify, and plan for the financial consequences of catastrophic events. AIR has offices in Boston, San Francisco, London, and Hyderabad (India), and clients all over the world. Karen Clark will be a panelist in the 7NCEE panel sessions on "Catastrophe Models for Developing Earthquake Risk Management Strategies" (Monday afternoon) and "Earthquakes in the Northeastern United States and Canada: Their Consequences and Impacts on Insurers" (Tuesday afternoon).

If your organization would like to demonstrate a commitment to earthquake risk reduction by supporting the 7NCEE financially, contact EERI Executive Director Susan Tubbesing at the EERI office ([skt@eeri.org](mailto:skt@eeri.org)). Donors and sponsors for the lunch, dinner cruise, receptions, or coffee breaks will receive program and verbal acknowledgment. There also will be prominent appropriate signs.

## News of the Institute

### Honors Committee Seeks Member Input

The EERI Honors Committee would like to generate more participation by EERI members in identifying worthy members whose contributions to the Institute and to earthquake risk reduction should be recognized. In particular, the committee would like to hear from the general membership in identifying candidates for the Housner Medal and the Distinguished Lecture Award. The committee also recommends Honorary Membership and the award for the *Earthquake Spectra* Outstanding Paper. The awards are presented at the Annual Meeting. Send your nominations to the Honors Committee at the EERI office. Past recipients of the Housner Medal and honorary members are listed in the EERI *Roster*.

---

### Subscribing Member News

#### New Subscribing Members: Digitexx and DIS

**Digitexx Data Systems, Inc.**, uses the latest technology in remote device monitoring and wireless communications to offer real-time scalable system solutions based on a distributed broker architecture. This allows the creation of a common framework to manage a multitude of digital and analog data streams. Digitexx provides software, systems, services, and consulting for real-time digital telemetry, data acquisition, data processing, and monitoring in the fields of remote wireless communication, earthquake engineering, engineering seismology, and vibration monitoring. For more information on Digitexx, see their web site at [www.digitexx.com](http://www.digitexx.com).

For more than a decade, **Dynamic Isolation Systems, Inc. (DIS)** has been helping architects, engineers, businesses, and institutions match the right earthquake protection technologies to the specific requirements of individual structures. These technologies effectively fall into two categories, seismic isolation and energy dissipation. DIS has been responsible for developing effective earthquake protection systems for newly constructed buildings across the United States, including Rockwell Semiconductor Systems in Newport Beach, California; AutoZone Headquarters in Memphis, Tennessee; and the new San Francisco Main Library. For more information on DIS, see their web site at [www.dis-inc.com](http://www.dis-inc.com).

---

### Call for Abstracts

#### Extreme Loading Conference

The Conference on the Response of Structures to Extreme Loading will be held August 3-6, 2003, in Toronto, Ontario, Canada. The objective of this new conference is to provide a forum for researchers and practicing professionals from the international civil engineering community to present, discuss, and exchange ideas on the analysis and design of structures for extreme loading conditions.

The conference will encompass state of the art, developing practice, research, and future directions. Extreme loads to be considered include severe earthquakes, high winds (tornadoes and hurricanes), blast and shock, fire, and combinations of these hazards. See the conference web site at [www.extremeloading2003.com](http://www.extremeloading2003.com) for full details of the topics.

The conference will comprise both oral and poster presentations, for which abstracts are now invited.

Abstracts should be submitted according to the guidelines on the conference web site. The deadline for submission is September 30, 2002. For more information, contact Nina Woods, Elsevier Science, phone: 44-0-1865-843297, fax: 44-0-1865-843958, or e-mail: [n.woods@elsevier.com](mailto:n.woods@elsevier.com).

---

### Call for Abstracts

#### ICASP9 2003

The Ninth International Conference on Applications of Statistics and Probability in Civil Engineering (ICASP9) will be held July 6-9, 2003, in San Francisco, California. It is sponsored by the Civil Engineering Risk and Reliability Association, the Department of Civil and Environmental Engineering at UC Berkeley, and the Pacific Earthquake Engineering Research Center.

The focus of ICASP9 is on applications of probability theory and statistics in all aspects of civil engineering and related fields, including aerospace engineering, construction and management, earthquake engineering, environmental engineering, marine engineering, nuclear engineering, structural engineering, transportation engineering, and wind engineering. Of particular interest are advances in theory and application that are aimed at assessing or reducing risk.

Prospective authors of technical papers are invited to submit 500-word abstracts by July 15, 2002. Abstracts should be submitted electronically to [icasp9@icasp9.berkeley.edu](mailto:icasp9@icasp9.berkeley.edu).

For more information on the conference, see the web site [icasp9.berkeley.edu](http://icasp9.berkeley.edu), or contact the conference secretariat, Parshaw Vaziri, at [vaziri@peer.berkeley.edu](mailto:vaziri@peer.berkeley.edu).

## News of the Profession

### Nominations Solicited for the Alfred E. Alquist Award

Nominations are being solicited by the California Earthquake Safety Foundation for the Alfred E. Alquist Award for Achievements in Earthquake Safety to be awarded in the year 2003.

This award recognizes individuals, organizations, or both, that have made outstanding contributions to seismic safety in California. Awards are given in areas that include basic and applied research, education, volunteer services, and program implementation.

Past award recipients include elected leaders, educators, engineers, architects, disaster specialists, governmental advisors, and businesses. One to three awards are given each year. Posthumous awards are not made.

A candidate may be nominated by another individual, a firm, or an agency. Letters describing a nominee's background and accomplishments should be sent to the California Earthquake Safety Foundation, c/o Christopher Rojahn, Applied Technology Council, 555 Twin Dolphin Dr. Suite 550, Redwood City, CA 94065. The deadline for nominations is September 30.

The California Earthquake Safety Foundation was founded in 1985 with the specific purpose of promoting earthquake safety in California. Governed by a volunteer board of directors, it relies on tax deductible donations to support its activities.

For more information, contact Chris Rojahn, Chairman, at phone 650/595-1542, fax: 650/593-2320, or e-mail [crojahn@atcouncil.org](mailto:crojahn@atcouncil.org).

## News of the Membership

### Frangapol, Soong, Griffis, Roeder, and Wood Receive Awards

EERI member **Dan M. Frangapol** was awarded an honorary doctorate degree from the Technical University of Civil Engineering, Bucharest, Romania, in September 2001. This is the highest external award the University can bestow. The citation reads in part: "In recognition of his merits in the fields of structural reliability and safety assessment of existing bridges and of his major works concerning bridge engineering and structural optimization. He has developed a novel methodology for life-cycle management of deteriorating structures and set forth a multicriteria optimization of structural systems, based on reliability."

EERI member **T. T. Soong** has been awarded the 2002 ASCE Newmark Medal by the American Society of Civil Engineers. He was chosen "for his pioneering work, innovations, and leadership in the theory and applications of structural control systems in civil infrastructure facilities."

EERI members **Lawrence G. Griffis** of Walter P. Moore & Associates and **Charles W. Roeder** of the University of Washington recently received awards from the American Institute of Steel Construction, Inc. (AISC). Griffis was one of three recipients of a Lifetime Achievement Award, which honors individuals who have provided outstanding service over a sustained period of years to AISC and the structural steel design, construction, or academic community. Roeder was one of three recipients of a Special Achievement Award, which honors individuals who have demonstrated notable singular or multiple achievements in structural steel design, construction, research, or education.

EERI member **Sharon L. Wood** received the Joe W. Kelly Award from the American Concrete Institute "in recognition of her dedication to improving the seismic response and design of reinforced concrete structures through the education of students and engineers."

---

## Announcements

### Conference on Earthquake Engineering and Seismology

The Fourth International Conference on Earthquake Engineering and Seismology will be held May 12-14, 2003, in Tehran, Iran. The conference is sponsored by the International Institute of Earthquake Engineering and Seismology (IIEES) under the Ministry of Science, Research, and Technology of Iran. The conference will address recent advances in a broad range of disciplines, including seismotectonics, seismology, planetary monitoring, soils and foundation engineering, structural engineering, urban and regional planning, socio-economic issues, public awareness, and risk management.

Authors interested in presenting a paper at the conference should contact the IIEES by phone: 98-21-2830830, fax: 98-21-2299479, or e-mail: [iiees@dena.iiees.ac.ir](mailto:iiees@dena.iiees.ac.ir), regarding the submission of a late abstract, whose deadline was June 1, 2002.

## News of the Profession

### Job Opportunities

**Bureau of Reclamation**, Denver, Colorado. Positions for two GS-12 structural engineers to support the Reclamation Building Seismic Safety Program in seismic risk identification and seismic rehabilitation projects. The senior engineers will perform and direct designs for new structures and rehabilitation designs for existing structures. The complete position announcement can be found at [jsearch.usajobs.opm.gov/ftva.asp?OPMControl=ID6459](http://jsearch.usajobs.opm.gov/ftva.asp?OPMControl=ID6459) or by entering the vacancy number: BOR-DEDO-S-02-077 into the Quick Search window of [www.usajobs.opm.gov](http://www.usajobs.opm.gov).

**U.S. Geological Survey (USGS)**, Reston, Virginia. Program Coordinator, Earthquake Hazards Program. A permanent, full-time, interdisciplinary position that may be filled by a geologist, geophysicist, or physical scientist. The incumbent would also serve as program coordinator for the Geomagnetism Program and the Global Seismographic Network. The following announcements are open to all U.S. citizens: HQ-2002-0178, HQ-2002-0179, and HQ-2002-0180. The following are open to all U.S. citizens who are current or former federal employees: HQ-2002-0181, HQ-2002-0182, and HQ-2002-0183. Deadline 7/02/02. Details available at [www.usgs.gov/ohr/oars/](http://www.usgs.gov/ohr/oars/). Contact Personnel, 703/648-4484. An equal opportunity employer.

**URS Corporation**, Pasadena, California. Seismologist with Ph.D. or M.S. in geophysics or earthquake engineering. Principal areas of work are strong-motion seismology, involving the modeling and prediction of strong ground motion for earthquake hazard evaluation and earthquake engineering design, and nuclear test treaty verification. Work involves research and development, as well as application of newly developed methods in practice. Contact: Search Committee, URS Corporation, 566 El Dorado Street, Pasadena, CA 91101; fax 626/449-3536; e-mail: [Carla\\_Willis@urscorp.com](mailto:Carla_Willis@urscorp.com).

---

## News of the Profession

### FEMA's Multihazard Mapping Initiative

The vision of FEMA's Multihazard Mapping Initiative is to maintain a living atlas of hazard data and map services for advisory purposes supplied from a network of hazard and base map providers. The multihazard atlas is available at the web site: [www.hazardmaps.gov/atlas.php](http://www.hazardmaps.gov/atlas.php). Current data layers include flood hazards, highways, and geographic boundaries (ZIP codes, cities, counties, and states). Download and upload of hazard data are also available.

The initiative is an implementation of Section 203(k) of the Disaster Mitigation Act of 2000, which calls for the creation of Multihazard Advisory Maps, or maps "on which hazard data concerning each type of natural disaster is identified simultaneously for the purpose of showing areas of hazard overlap."

The goals of the initiative are to (1) foster the collection and exchange of geospatial hazards data, (2) increase hazard awareness by providing a multihazard mapping capability on the Internet for advisory purposes, and (3) encourage data providers to establish standards-based services that facilitate access and distribution of their data for the creation of these maps.

## Announcements

### MCEER World Trade Center Workshop

On June 24 and 25, 2002, the Multidisciplinary Center for Earthquake Engineering Research (MCEER), in collaboration with the National Research Council and the Institute for Civil Infrastructure Systems, is holding a workshop to review lessons from the World Trade Center terrorist attack.

The workshop will specifically examine the management of complex civil emergencies and terrorism-resistant civil engineering design.

Session topics include:

- How Might 9/11 Help NYC Cope with the Next Disaster?
- Achieving Resilience in the Face of Complex Civil Emergencies
- The Tools to Achieve Resilience: State of the Art
- The Tools to Achieve Resilience: The Future
- The Political, Economic, and Engineering Fusion of Resilience-Enhancing Design.

The workshop is intended for professionals from all relevant disciplines, but because space is limited, participants will be selected based on their potential to contribute to the workshop objectives.

To express interest in attending, visit the MCEER web site at [mceer.buffalo.edu](http://mceer.buffalo.edu), and complete the workshop application form. There is a \$100.00 registration fee for all participants.

The workshop will take place at Elebash Recital Hall at the Graduate Center of City University of New York, 365 Fifth Avenue, New York, New York.

For more information, visit the MCEER web site at [mceer.buffalo.edu/meetings/wtc/default.asp](http://mceer.buffalo.edu/meetings/wtc/default.asp).

## CALENDAR

Items that have appeared previously are severely abbreviated. The issue containing the first, or most informative, appearance is indicated at the entry's end. Items listed for the first time are shown in **bold**.

### 2002

#### JUNE

7-8. Second Annual ROSE Seminar, Pavia, Italy. Info: [spadino.unipv.it/rose.html](http://spadino.unipv.it/rose.html) (4/02)

10-12. 3rd International Conference on Composites in Infrastructure, San Francisco, CA. Info: [www.az-icci.org](http://www.az-icci.org) (3/01)

19-21. Risk Analysis 2002, Sintra, Portugal. Info: [www.wessex.ac.uk/conferences/2002/risk02](http://www.wessex.ac.uk/conferences/2002/risk02) (9/01)

20-21. SCEC Implementation of Landslide Hazard Mitigation Guidelines Workshop, Los Angeles, CA. See page 2.

24-25. MCEER WTC Workshop, New York, NY. See page 6.

#### JULY

21-25. 7th National Conference on Earthquake Engineering, Boston, MA. Info: [www.eeri.org](http://www.eeri.org). See page 1. (8/01, 9/01, 10/01, 11/01, 1/02, 2/02, 3/02, 4/02, 5/02)

#### AUGUST

15-20. ANCER Annual Meeting and Symposium in Honor of Huixian Liu, Harbin and Hong Kong, China. Info: [ieec2002-iem@iem.net.cn](mailto:ieec2002-iem@iem.net.cn) or [cejmko@polyu.edu.hk](mailto:cejmko@polyu.edu.hk). See page 3. (4/02)

#### SEPTEMBER

2-5. eurodyn 2002, Munich, Germany. Info: [www.eurodyn2002.de](http://www.eurodyn2002.de) (8/01)

8-11. Dam Safety 2002, Tampa, FL. Info: [www.damsafety.org](http://www.damsafety.org) (2/02)

9-13. 12th European Conference on

Earthquake Engineering, London, UK. Info: [www.12ECEE.org.uk](http://www.12ECEE.org.uk) (9/00,12/00)

22-29. Joint Meeting of the Association of Engineering Geologists and the American Institute of Professional Geologists, Reno, NV. Info: [www.aegweb.com](http://www.aegweb.com) (5/02)

26-28. SEAOC Annual Meeting, Santa Barbara, CA. Info: [MLCSE@aol.com](mailto:MLCSE@aol.com) (1/02)

30-October 12. Workshop on 3-D Modeling of Seismic Waves, Trieste, Italy. Info: [www.ictp.trieste.it](http://www.ictp.trieste.it) (5/02)

#### OCTOBER

3-6. Hazards 2002 Symposium, Antalya, Turkey. Info: [www.hazards2002.metu.edu.tr](http://www.hazards2002.metu.edu.tr) (5/02)

9-12. Structural Engineers World Congress, Yokohama, Japan. Info: [sewc2002.gr.jp](http://sewc2002.gr.jp) (6/01)

17-18. OECD-NEA Workshop, Istanbul, Turkey. Info: [www.nea.fr/html/nsd/workshops/seismicrelation/index.html](http://www.nea.fr/html/nsd/workshops/seismicrelation/index.html) (4/02)

23-26. Earthquake Loss Estimation and Risk Reduction, Bucharest, Romania. Info: [www.utcb.ro/conferin/conference.html](http://www.utcb.ro/conferin/conference.html) (5/02)

#### NOVEMBER

18-26. Activities of the Asian Seismological Commission, Kathmandu, Nepal. Info: [www.nset.org.np/ASC2002](http://www.nset.org.np/ASC2002) (5/02)

#### DECEMBER

16-18. 12th Symposium on Earthquake Engineering, Roorkee, India. Info: [12see@rurkiu.ernet.in](mailto:12see@rurkiu.ernet.in) (5/02)

### 2003

#### FEBRUARY

3-6. IMAC Conference and Exposition on Structural Dynamics, Kissimmee, Florida. Info: [www.sem.org](http://www.sem.org) (5/02)

5-8. EERI Annual Meeting, Portland

Marriott Downtown, Portland, OR.

13-15. Pacific Conference on Earthquake Engineering, Christchurch, NZ. Info: [www.nzsee.org.nz/pcee](http://www.nzsee.org.nz/pcee) (1/02)

#### MAY

12-14. Fourth International Conference on Earthquake Engineering and Seismology, Tehran, Iran. See page 5.

#### JUNE

9-12. Fourth International STESSA Conference, Naples, Italy. See page 8.

#### JULY

6-9. Ninth International Conference on Applications of Statistics and Probability in Civil Engineering, San Francisco, CA. See page 4.

#### AUGUST

3-6. Extreme Loading Conference, Toronto, Ontario, Canada. See page 4.

## News of the Profession

### M6.8 Philippines Earthquake

A reconnaissance report on the Palimbang, Philippines, earthquake of March 6, 2002, has been prepared by the Philippine Institute of Volcanology and Seismology. This magnitude 6.8 (Ms) earthquake killed at least eight people and caused damage in four cities and 17 smaller municipalities.

The report contains information on historical seismicity, the impacts, the tsunami model, actual tsunami observation, and aftershocks. The report is available at [www.phivolcs.dost.gov.ph/soepd2/earthquakes/palimbang/summary.html](http://www.phivolcs.dost.gov.ph/soepd2/earthquakes/palimbang/summary.html) and can also be accessed from EERI's main web site ([www.eeri.org](http://www.eeri.org)).

## Publications

### ***Innovative Approaches to Earthquake Engineering***

*Innovative Approaches to Earthquake Engineering*, Volume 10 in WIT Press's Advances in Earthquake Engineering Series, has recently been published. The book embraces a wide spectrum of problems and provides an extensive view of modern seismic engineering.

The volume features invited chapters from leading experts in the field and provides valuable information for research students, practicing engineers, architectural and design specialists, government officials, and public policy makers.

EERI members V. V. Bertero, A. Wada, S. A. Mahin, and V. Petrini have contributed chapters to the book.

Edited by G. Oliveto of the Università degli Studi di Catania in Italy, the book is available for \$167 (175 Euros) from Computational Mechanics, Inc., phone: 978/667-5841, fax: 978/667-7582, e-mail: [info@compmech.com](mailto:info@compmech.com), or web site: [www.compmech.com](http://www.compmech.com).

## Announcements

### **STESSA 2003**

The 4th International STESSA Conference on the behavior of steel structures in seismic areas will be held June 9-12, 2003, in Naples, Italy. The conference is sponsored by the University of Naples, Federico II, under the auspices of the Ministry of Cultural Heritage.

Conference topics will include performance-based design, structural integrity under exceptional loading, material behavior, member behavior, connections, global behavior, moment-resisting frames, passive and active control, and strength and repairing. Structural engineers, researchers, industry representatives, code writers, building officials, and others working in the field of the seismic response and design of steel structures are invited to share their knowledge and experience with participants from various regions of the world.

The deadline for abstracts has passed, but interested authors should see the web site [www.daps.unina.it/stessa/congres.htm](http://www.daps.unina.it/stessa/congres.htm) or contact [stessa03@unina.it](mailto:stessa03@unina.it) to see if abstracts are still being accepted.

## News of the Institute

### **Ethics on the Web**

Do building owners have an ethical responsibility to consider the impact of seismic renovations on building occupants or tenants? A new ethics case on the EERI web site, [www.eeri.org](http://www.eeri.org), allows you to discuss this issue. Check out the situation where Ms. Jones, who owns several apartment buildings in Urbanville, is being pressured by her tenants not to proceed with a voluntary seismic upgrade that might displace them. Evaluate her options and participate in the discussion of how she might proceed.

Also available on the web site is the summary of visitor responses and comments to the case study presented between December 2001 and April 2002. In that situation, ABC Engineering was faced with the dilemma of knowing more about a building's expected seismic performance than the owner had told the tenant client. Read the recommended actions and comments provided by your colleagues.

For a summary of the dilemmas and reader responses of all the previous case studies of this three-year project, see the EERI web site.



**EARTHQUAKE ENGINEERING  
RESEARCH INSTITUTE**  
499 14th Street, Suite 320  
Oakland, CA 94612-1934  
**ADDRESS SERVICE REQUESTED**

PRSRRT FIRST CLASS  
U.S. POSTAGE PAID  
Sundance Press  
85719