



EARTHQUAKE ENGINEERING RESEARCH INSTITUTE NEWSLETTER

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ISSN 0270-8337

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News of the Institute

EERI Members Testify at NEHRP Hearings

On May 8, the Science Committee of the House of Representatives issued a press release summarizing the testimony of experts at the Research Subcommittee hearing on the reauthorization of the National Earthquake Hazards Reduction Program (NEHRP). The press release also included the opening statement by Subcommittee Chair Nick Smith (R-MI) and comments by ranking Democrat Eddie Bernice Johnson (D-TX). All agreed that NEHRP has made great strides in the last 25 years.

Smith stated, "It is clear that NEHRP needs to be strengthened... We are here today to discuss how we can improve the program... Indeed, earthquakes are clearly not just a state or regional problem, but a nationwide problem, demanding nationwide mitigation." Johnson added, "...the program's priorities and administrative structure need to be reassessed as the reauthorization process begins."



Left to right: Anthony Lowe of FEMA and EERI members Bob Olson, Lloyd Cluff, Tom O'Rourke, and Larry Reaveley testifying on May 8 at the House of Representatives Research Subcommittee hearing.

Four EERI members were expert witnesses at the hearing: EERI President Thomas O'Rourke, professor of civil and environmental engineering at Cornell University; Lawrence Reaveley, professor and chair of the Department of Civil and Environmental Engineering at the University of Utah; Past EERI President Lloyd S. Cluff, director of Geosciences and Earthquake Risk Management for the Pacific Gas and Electric Company; and Robert Olson, president of Robert Olson Associates. They voiced concern about declining funding of NEHRP over the years. "In terms of real dollars, NEHRP's 'purchasing power' has declined steadily to the level where essential program activities are being sacrificed because appropriations have not even kept pace with

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News of the Institute

World Housing Encyclopedia: Farzad Naeim Creates Annual Prize for Best Reports

Newly appointed editor of *Earthquake Spectra*, Farzad Naeim, has decided to use the honorarium paid to him for each issue of *Spectra* to create an annual prize for the EERI/IAEE World Housing Encyclopedia. Three prizes (\$1500, \$1000, \$500) will be awarded annually for the best reports contributed to the web site. (A report describes a housing construction type from an individual country. See www.world-housing.net.) A small selection committee from the project's Editorial Board will select the winners each year. The intent of the prizes is to stimulate new contributions to the Encyclopedia. The first prizes will be awarded in January 2004. See page 6 for more news about the World Housing Encyclopedia.

NEHRP Hearings

continued from page 1

inflation,” said Olson.

All the witnesses recommended establishing an external advisory committee for the program to provide recommendations on program activities with the aim of enhancing coordination and leadership among the four participating agencies: the Federal Emergency Management Agency (FEMA), the U.S. Geological Survey (USGS), the National Science Foundation (NSF), and the National Institute of Standards and Technology (NIST). O'Rourke observed, “Unfortunately, each agency is within a different department of the executive branch, with its own Office of Management and Budget examiner and congressional oversight committee. As a result, coordination and cooperation among the agencies are hindered, especially when it comes to budgeting details. We recommend that Congress ask the President to create an independent committee of external experts responsible for oversight of NEHRP.”

Discussing the many advances made in engineering as a result of the program, Reaveley said “...the NEHRP program is primarily responsible for most of the major advances in structural engineering that have been achieved during the last 25 years...the 1971 San Fernando earthquake sparked interest in seismic design due to the poor performance of many structures. Without the knowledge gained from the NEHRP program, it would not have been possible to understand nearly as well the behavior of the buildings that were recently damaged by terrorist activities.”

Cluff warned, “...the risk is growing faster than our ability to provide effective mitigation...earthquake risk continues to grow nationwide...due to (1) uncontrolled growth in earthquake-prone areas, (2) the lack of effective land use planning in the

hazardous areas, (3) the lack of implementation and enforcement of appropriate building standards, and (4) the high cost of strengthening the existing built environment. This trend has positioned the nation in an unacceptable situation, one that will eventually result in catastrophic losses.”

Witnesses questioned FEMA's transfer into the newly created Department of Homeland Security (DHS) and noted that the primary focus of DHS on terrorism could reduce the attention paid to NEHRP and other natural disaster efforts. Anthony S. Lowe, director of FEMA's Mitigation Division of the Emergency Preparedness and Response Directorate, responded that he believes the transfer will be mutually beneficial to both NEHRP and DHS because NEHRP's experience can be transferred to protecting the nation from terrorism.

In his opening statement, Chairman Smith said “...disasters should not be the only time we acknowledge the importance of earthquake mitigation.” In particular, he expressed disappointment with the underfunding of the Advanced National Seismic System (ANSS), for which funds were authorized as part of the last NEHRP authorization bill over three years ago. “The earthquake community is in almost unanimous agreement that funding ANSS should be a top priority...We need to find a way to fund ANSS. We may not be able to do this with all-new funding, but rather may have to find some trade-offs elsewhere in NEHRP. We have to follow up our recognition of its importance with funding.”

For the complete text of the House Science Committee press release, visit www.house.gov/science/press/108/108-059.htm. For a summary of EERI President O'Rourke's testimony, see the article entitled “EERI Acts on Behalf of NEHRP Reauthorization” on page 1 of the May *EERI Newsletter*. The complete

testimony of all four EERI witnesses is posted on the Institute's web site at www.eeri.org/news/nehrrp/index.html.

Announcements

Disasters Roundtable Workshop

The 8th Disasters Roundtable (DR) workshop, entitled “The Emergency Manager of the Future,” will be held on June 13, 2003. The Disasters Roundtable seeks to facilitate and enhance communication and the exchange of ideas among scientists, practitioners, and policy makers concerned with important issues related to natural, technological, and other disasters. Roundtable meetings are held three times a year in Washington, DC. Each meeting is an open forum focused on a specific topic or issue designated by the DR steering committee. All DR events are free and open to the public, but registration is required by June 9. For agenda updates and location information, visit national-academies.org/disasters.

30th International Conference on Remote Sensing

“Information for Risk Management and Sustainable Development” will be the theme of the 30th International Conference on Remote Sensing of the Environment, to be held in Honolulu, Hawaii, November 10-14, 2003.

Comprehensive sessions are planned on the following topics: 1) hazards and disasters, 2) global change, 3) natural resources, and 4) technology and infrastructure. A series of pre-conference workshops and training sessions will occur November 8 and 9. For more information, visit isrse.pdc.org.

News of the Institute

2003 Learning from Earthquakes Projects

EERI's Learning from Earthquakes Advisory Committee has selected three proposals for support in 2003 that are aimed at capturing earthquake lessons from past earthquakes. This is the third round of proposals supported by this modest program, developed to identify lessons that may not be apparent in the immediate postearthquake reconnaissance phase, or that should be reevaluated in light of new understanding and knowledge. This program is part of the larger Learning from Earthquakes Program, funded by the National Science Foundation,

enabling engineers, earth scientists, social scientists, and other researchers to visit earthquake sites and carry out investigations.

The following three proposals have been selected for support:

Donald Ballantyne
Evaluation of Japanese Benefit/Cost Analysis Methods for Water System Improvements — Response to the 1995 Kobe Earthquake

Donald Wells
Summary Documentation (from multiple earthquakes) of Effects of Surface Fault Rupture on Engineered Structures

Randolph Langenbach
A Comparative Study of Earthquake Recovery Issues Involving the Per-

formance of Timber-Laced Masonry Vernacular Buildings in Turkey

EERI members will soon be receiving the final reports of the three projects from the previous round (2002), including a study of bridge performance and repairs following the 1999 Turkey earthquakes, a study of repair techniques for adobe construction after the 2001 El Salvador earthquakes, and a study of impacts of the 2001 Nisqually earthquake on unreinforced masonry buildings in the Pioneer Square area of Seattle.

Further information on this program is available from the LFE Program Manager Marjorie Greene at mgreene@eeri.org.

News of the Institute

Earthquake Spectra Back Issues Online

Thanks to the efforts of EERI staff, Roger Borcherdt, and the American Institute of Physics (AIP), every paper published in *Earthquake Spectra* from Volume 1, No. 1, to the present time is now available online. This is a great benefit for EERI members. This collection is available on the *Spectra* Online web site at ojps.aip.org/EarthquakeSpectra/.

In order to benefit from full online features of *Spectra*, including access to search facilities for dozens of other journals on the AIP sites, membership controls must be established. It is vital that members register on the *Spectra* Online web site to access these features.

In a few months, all of the procedures for paper submittal, peer review, and processing of papers in *Earthquake Spectra* will be possible online. This will significantly improve the turnaround time of submitted papers and also will enable authors to track the status of their papers throughout the review process.

News of the Institute

James Godfrey Joins EERI Staff

EERI is pleased to announce that James Godfrey recently joined the EERI staff as Special Projects Manager.

With more than seven years of experience in the field of emergency planning and response, Godfrey has comprehensive knowledge of the nonprofit social service sector in the San Francisco Bay Area. He has worked in disaster services management for the California Office of Emergency Services (coastal region) and the American Red Cross, both in Oakland, California, as well as the Contra Costa Crisis Center in Walnut Creek, California. He has developed plans for coordination of disaster relief services, managed federal emergency planning grants to counties, served as liaison from community groups to state and federal agencies, trained and managed disaster volunteers throughout the Bay Area, and directed the federally funded California Tsunami Hazard Mitigation Program. For the Contra Costa Crisis Center, he trained nearly 100 nonprofit agencies to



James Godfrey

develop disaster plans to ensure continuity of services to clients, and created formal agreements between government and nonprofit agencies to ensure postdisaster support of social services.

For six years beginning in 1990, Godfrey directed operations for the Alameda County Food Bank, a nonprofit food supplier to a network of 250 community-based providers.

For EERI, Godfrey will assist with, and develop, projects addressing a range of risk reduction and public policy issues.

PLEASE POST IMMEDIATELY



Earthquake Hazards Reduction Fellowship Announced

Under a cooperative agreement established with FEMA, the Earthquake Engineering Research Institute is pleased to offer the **2004 Professional Fellowship** to provide an opportunity for a practicing professional to gain greater skills and broader expertise in earthquake hazards reduction, either by enhancing knowledge in the applicant's own field or by broadening the applicant's knowledge in a related but unfamiliar discipline.

Who Should Apply?

This unique fellowship is designed to bring together an experienced career professional with other professionals conducting significant research, thereby providing opportunities to both enrich the applicant's knowledge and skills and to broaden the research base with challenges faced in practice. The Professional Fellowship is *not* intended to fund work towards a degree.

The Award

The fellowship provides a stipend of \$30,000, commencing in January 2004, to cover tuition, fees, and relocation and living expenses. The fellowship will be awarded on the basis of a specific project, with the proposed work or course of study to be carried out over a period of up to one year. The recipient will have the flexibility to work less than full time with the host institution and academic sponsor, with the understanding that the effort will result in a deliverable report by the end of twelve months.

Criteria

Applicants must provide a detailed work plan for a research project that would be carried out in the twelve-month period. The fellow will be expected to produce a written report upon completion of the project. All applications must be accompanied by a professional resume and letter of nomination from the faculty host at the cooperating educational institution. Faculty members should also indicate the institution's ability to provide research facilities, including library, work space, telephone, and computer access. Applicants must hold U.S. citizenship or permanent resident status.

To Apply

Candidates may obtain an application form from the Earthquake Engineering Research Institute, 499 14th Street, Suite 320, Oakland, California 94612-1934, tel: (510) 451-0905, fax: (510) 451-5411, e-mail: eeri@eeri.org, or from EERI's web site at www.eeri.org.

Deadline for receipt of all application materials at EERI is September 8, 2003.

Announcement of the award will be made October 17, 2003.

News of the Profession

6.4 Quake Strikes Turkey on May 1, 2003

The following information was provided by teams from the Seismology Laboratory and the Earthquake Engineering Department of Kandilli Observatory and Earthquake Research Institute (KOERI), Bogaziçi University, Istanbul, Turkey.

A magnitude 6.4 earthquake struck the municipality of Bingöl, Turkey, on May 1, 2003. The tectonics of the region are controlled by the collision of the Arabian and Eurasian Plates, causing the lateral escape of the Anatolian block to the west. This block is bounded to the southeast by the East Anatolian fault, which is a 550-km-long, northeast-trending, left-lateral strike-slip fault. The 60-km-long northeastern segment of this fault goes through Bingöl.

The Bingöl city government reported that 168 people were killed and 520 injured. In the city, 308 housing units collapsed, 2,566 were heavily damaged, and 2,546 were lightly damaged.

Damage is concentrated in four districts located on both sides of the Murat River that divides the city in two. Generally the structural performance of buildings in the city center was poor in this moderate earthquake. Most of the reinforced concrete (RC) buildings in this area were heavily damaged. There was poor detailing at critical regions of structural elements such as insufficient lap splices and an insufficient amount of transverse reinforcement at the end regions of beams, columns, and beam-column joints. Poor-quality concrete is a common problem, as people prefer to produce their own by using the material they get from the Murat River as aggregate. The residential buildings were not engineered and their construction was uncontrolled. However, those that were built recently

and had shear walls performed well. A significant portion of government buildings (schools, dormitories, state buildings) had the highest level of damage to RC structures, except for those built in the last five years. Education was disrupted, and a portion of the hospital in the city center was out of service.

Himis (composed of timber frames and braces with adobe infills) is a common nonengineered building type in eastern Turkey. It typically has thick perimeter walls and heavy roofs to provide heat insulation. The large mass of these structures caused high lateral forces resulting in poor performance; they sustained heavy damage and a few totally collapsed, primarily because of brittle behavior of material and weakness of connections between members.

Throughout the city, unreinforced masonry structures were heavily damaged, commonly with typical "x-type" shear cracking due to the brittle behavior of material. In many cases, infill walls partially collapsed due to the lack of restraints in the out-of-plane direction, causing a high level of nonstructural damage.

As part of its Learning from Earthquakes Program, funded by the National Science Foundation, EERI is coordinating a field investigation of the earthquake with some of its members in Turkey. Professors Polat Gülkan (Middle East Technical University, Ankara) and Mustafa Erdik (KOERI) are leading teams on preliminary investigations. Joining them will be Seref Polat, a structural designer with the engineering firm of Rutherford and Chekene in Oakland, California (currently on leave from a Ph.D. program at KOERI), and Professor William Mitchell, a political scientist with Baylor University and an authority on Turkey and past response and recovery efforts for Turkish earthquakes. An initial report and images have been linked to EERI's home page at www.eeri.org.

Announcement

BSSC Annual Meeting

The Building Seismic Safety Council (BSSC) 2003 Annual Meeting will be held at the U.S. Grant Hotel in San Diego June 18-20. Presentations include the changes proposed for the 2003 edition of the *NEHRP Recommended Provisions for Seismic Regulations for New Buildings and Other Structures* and future needs, directions, and objectives for seismic safety. Technical presentations are expected to focus on BSSC strategic planning initiatives, the new generation of U.S. Geological Survey maps, energy dissipation techniques, and integration of the 2002 ASCE 7 as a basic reference standard in the *Provisions*. Plans for preparing an up-to-date homebuilders' guide also will be discussed.

For registration information, visit www.bssconline.org.

Call for Abstracts

4th National Seismic Conference and Workshop on Bridges

Abstracts are being solicited for the 4th National Seismic Conference and Workshop on Bridges and Highways to be held in Memphis, Tennessee, February 9-11, 2004. The conference will focus on advances in engineering and technology that provide increased seismic safety of highway bridges, other highway structures, and highway systems in the new millennium. In addition, an international forum will be conducted by invited speakers from countries that have implemented advanced earthquake design and mitigation technologies and approaches. Abstracts are due by June 13. For more information, visit www.conferences.uiuc.edu/seismic.

News of the Institute

World Housing Encyclopedia Makes Major Strides

Web Site Receives Award: The World Housing Encyclopedia (www.world-housing.net) was chosen in May as an Aecportico Site of the Week. Aecportico (www.aecportico.co.uk) is one of the UK's leading directories for architecture, engineering, and construction. Only carefully reviewed sites are included on Aecportico, and only a few are considered good enough to rate a Site of the Week award.

First Online Tutorial Published: The first in a series of tutorials is now online that addresses adobe construction and techniques for improving the seismic performance of this vulnerable construction type. It can be viewed by clicking on *General Resources*, then selecting *Tutorials*. Similar tutorials will be developed for every major construction type represented in the encyclopedia, including unreinforced brick masonry, stone masonry, confined masonry, nonductile reinforced concrete frame construction, and wood construction.

Latest Contributions: New contributions to the Encyclopedia include adobe construction in Argentina and confined masonry from Slovenia.

Contributions are under preparation from the United States, Japan, Romania, and Bangladesh. Check the web site frequently for updates.

U.S./Japan Workshop: In her presentation at the 7th U.S./Japan Workshop on Urban Earthquake Hazard Reduction in Maui, Hawaii, Encyclopedia Project Manager Marjorie Greene focused on the newest contribution under preparation from Japan (on wood construction) and the general information available on the web site related to Japanese housing.

New Web Site Entry Page: Repeat visitors to the web site will notice a new entry page that includes a small flash movie and the logos of the two sponsoring organizations and the U.N. International Strategy for Disaster Reduction (ISDR). The Encyclopedia has been designated as a contribution to the ISDR. The page was developed by Vesna Kronic, a web designer from Vancouver, Canada.

New Project Logo: Chris Arnold — a past EERI president, an initiator of the World Housing Encyclopedia, an architect, and an artist — has designed a new project logo that will be used on related publications and the

various pages of the web site. The logo shows a rotating globe inside the outline of a house.

Editorial Board Appointed: An editorial board has been appointed to replace the small management committee that oversaw the first few years of project development. This is a major step forward in its transition from an experimental Internet project supported by the Endowment Fund to a more established Institute activity. The new board has Svetlana Brzev as the editor-in-chief, five associate editors by region, three at-large editors, and members with international geographic representation. Their names are posted on the web site at [www.world-housing.net/downloads/EERI and IAEE Housing editorial board.pdf](http://www.world-housing.net/downloads/EERI%20and%20IAEE%20Housing%20editorial%20board.pdf).



Meeting of the World Housing Encyclopedia Editorial Board at the EERI office.

Job Opportunity

U.S. Geological Survey

The U.S. Geological Survey in Menlo Park, California, has announced a 13-month position, with the possibility of extension, in the area of seismic monitoring of structures. Applicants must be U.S. citizens. For application information, visit the web site jsearch.usajobs.opm.gov/summary.asp?OPMControl=TW2513. For more information, contact Mehmet Celebi at celebi@usgs.gov. The deadline for applications is June 20, 2003.

Call for Abstracts

Symposium on New Technologies for Urban Safety in Megacities of Asia

Organized by the International Center for Urban Safety Engineering and the Institute of Industrial Science, the 2nd International Symposium on New Technologies for Urban Safety in Megacities of Asia is scheduled for October 30-31, 2003, at the University of Tokyo. The topics include issues related to the following broad areas: urban disaster mitigation, safety and security assessment of urban infrastructure, environmental impact assessment of urbanization, and space technologies and GIS for monitoring and assessment of urban safety.

The official language of the symposium is English. Authors are invited to submit abstracts by e-mail (icus@iis.u-tokyo.ac.jp) or fax (+81-3-5452-6476) to the conference secretariat by June 15, 2003. For more information, visit <http://icus.iis.u-tokyo.ac.jp/isus03/>.

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**.

2003

JUNE

1-4. 9th North American Masonry Conference, Clemson, SC. Info: www.masonrysociety.org/Conferences/9NAMCmain.html (8/02)

9-12. 4th Int'l Conference on the Behavior of Steel Structures in Seismic Areas, Naples, Italy. Info: www.daps.unina.it/stessa/congres.htm (6/02)

13. 8th Disasters Roundtable Workshop, Washington, DC. See page 2. (6/03)

16-20. 21st Congress of the Int'l Commission on Large Dams (ICOLD), Montreal, Canada. Info: www.cigb-icold.org (2/03)

18-20. Building Seismic Safety Council 2003 Annual Meeting, San Diego, CA. See page 5. (6/03)

24-27. 2003 EQECAT European Catastrophe Management Summit, Barcelona, Spain. E-mail: eqecat@absconsulting.com (5/03)

30-7/2. 10th U.S.-Japan Workshop on the Improvement of Structural Design and Construction Practices, Maui, HI. Info: www.ATCouncil.org (5/03)

JULY

6-9. 9th Int'l Conference on Applications of Statistics and Probability in Civil Engineering, San Francisco, CA. Info: icasp9.berkeley.edu (6/02)

11-12. Park and Paulay Symposium, Christchurch, New Zealand. Info: www.civil.canterbury.ac.nz (1/03)

AUGUST

3-6. Extreme Loading Conference, Toronto, Ontario, Canada. Info: www.extremeloading2003.com (6/02)

10-13. 6th U.S. Conference and Workshop on Lifeline Earthquake Engineering, Long Beach, CA. Info from TCLEE at: www.asce.org/conferences/tclee2003/ (9/02)

25-27. XI Ibero-American Earthquake Engineering Seminar, Mendoza, Argentina. Info: sibis.uncu.edu.ar (2/03)

SEPTEMBER

7-10. 20th Annual Association of State Dam Safety Officials Conference, Minneapolis, MN. Info: www.damsafety.org (2/03)

15-20. Association of Engineering Geologists (AEG) 2003, Vail, CO. Info: www.aegweb.org (5/03)

18-20. 2003 SEAOC Convention, Lake Tahoe, CA. E-mail: thale@oshpd.state.ca.us (12/02)

22-24. 4th Int'l Conference on Earthquake-Resistant Engineering Structures, Ancona, Italy. Info: www.wessex.ac.uk/conferences/2003/eres03/ (8/02)

OCTOBER

6-10. 8th World Seminar on Seismic Isolation, Energy Dissipation, and Active Vibration Control of Structures, Yerevan, Armenia. Info: www.aua.am (10/02)

22-24. 28th Annual Conference on Deep Foundations, Miami Beach, FL. Info: www.dfi.org/conferences.asp (1/03)

30-31. 2nd Int'l Symposium on New Technologies for Urban Safety in Megacities of Asia, Tokyo, Japan. See page 6. (6/03)

NOVEMBER

10-14. 30th Int'l Conference on Remote Sensing of the Environment, Honolulu, HI. See page 2. (6/03)

13-15. 1st Int'l Conference on Structural Health Monitoring, Tokyo, Japan. Info: www.civil.ibaraki.ac.jp/shmii/ (5/03)

19-22. 14th Mexican National Conference on Earthquake Engineer-

ing, León-Guanajuato, México. Info: www.smis.org.mx (4/03)

DECEMBER

16-18. 9th East Asia Pacific Conference on Structural Engineering and Construction, Bali, Indonesia. Info: www.si.itb.ac.id/easec9 (10/02)

2004

FEBRUARY

4-7. EERI Annual Meeting, Los Angeles, CA (5/03)

APRIL

13-17. 5th Int'l Conference on Case Histories in Geotechnical Engineering, New York, NY. Info: www.umar.edu/~eqconf/5thCHConf. (8/02, 1/03, 3/03)

MAY

22-26. Structures 2004, Nashville, TN. Info: www.asce.org/conferences/structures2004/ (8/02)

JULY

18-23. Composite Construction in Steel and Concrete V, Kruger National Park, South Africa. Info: www.engconfintl.org/4ab.html (12/02)

AUGUST

1-6. 13th World Conference on Earthquake Engineering, Vancouver, British Columbia, Canada. Info: www.13wcee.com. (7/02, 3/03)

8-11. MOVIC 04 Motion and Vibration Control Conference, Washington University, St. Louis, MO (11/02)

Exhibition Date Changed

The International Seismic Instrument and Emergency Rescue Equipment Exhibition 2003 in Beijing has been postponed until December 3-5, 2003, in order to protect the safety of exhibitors and visitors because of the outbreak of the SARS disease. For more new information, visit www.exh.dizhen.ac.cn.

News of the Institute

EERI New Madrid Chapter and ASCE Co-Host IBC Seminar

On May 12, the EERI New Madrid Chapter and the St. Louis Section of the American Society of Civil Engineers (ASCE) hosted a seminar on the Seismic Provisions of the International Building Code (IBC) at Washington University in St. Louis. The IBC, which is currently being adopted by states and municipalities throughout the United States, utilizes seismic provisions that are significantly different from those found in the current model building codes.

The four presenters were Nathan Gould (ABS Consulting and president of the chapter), Scott Olson (URS Corporation and EERI member), Jim Taylor (ABS Consulting and vice president of the chapter), and Mike Griffin (ABS Consulting and EERI member). The speakers covered the different aspects of the IBC structural and nonstructural seismic provisions. Approximately 50 people, representing local engineering and architecture firms, regional municipalities, and various corporate entities attended the four-hour seminar.



The seminar on the seismic provisions of the International Building Code sponsored by the EERI New Madrid Chapter was well attended.

News of the Institute

Honors Committee Seeks Member Input

The EERI Honors Committee will meet in the third quarter and would like to encourage more participation by EERI members in the process of identifying worthy members whose contributions should be recognized. In particular, the committee would like to hear from the general membership in identifying candidates for the George W. Housner Medal and the Distinguished Lecturer Award. The committee will also nominate members for Honorary Membership and recommend the award for the *Earthquake Spectra* Outstanding Paper for 2002. All these awards will be presented at the EERI Annual Meeting in Los Angeles in February 2004.

Send your nominations to the Honors Committee at the EERI office. Past Distinguished Lecturers, Honorary Members, and Housner Medal recipients are listed on page ii of the 2002 EERI Roster. A complete description of each award can be found at www.eeri.org/eeri/Committees/Honors/Honors.html.



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