

**EARTHQUAKE ENGINEERING
RESEARCH INSTITUTE**

NEWSLETTER

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News of the Profession

New USGS Web Site on Earthquakes

The USGS Earthquake Hazards Program has launched a new web site, earthquakes.usgs.gov, that serves as the entry point for all USGS earthquake information. The site provides information for both global and U.S. earthquakes, and links regional USGS earthquake centers from across the country. Included are answers to frequently asked earthquake questions, real-time displays of seismicity, historic earthquake information, and products such as seismicity maps and national seismic hazard maps. Another valuable resource included is an earthquake education web site entitled "Earthquakes for Kids...& Grown-ups," with a comprehensive list of links for learning about earthquakes.

News of the Institute

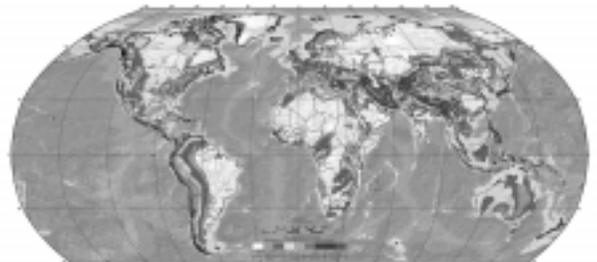
Don't Miss the 6ICSZ in Palm Springs

By now EERI members should have received the preliminary program and registration materials for the 6th International Conference on Seismic Zonation, to be held at the Riviera Resort in Palm Springs, California, November 12-15, 2000. The meeting provides an important opportunity to focus on developments in basic science and engineering knowledge, as well as new technologies and applications that have been put in place since the 1991 conference in France. Seismic zonation has benefited from extraordinary technological developments in recent years. The conference opens with a technical field trip featuring several engineering projects in the San Bernardino Valley designed to mitigate seismic risk. The conference will feature state-of-the-art papers on hazard estimation, hazard mapping

for engineering and codes, planning and government policy, financial risk management, and applications for lifelines and utilities. There will also be presentations on the latest zonation technologies featuring the use of GPS, remote sensing, and radar interferometry. Each day some of the world's top experts will present posters illustrating the latest techniques and research observations in the zonation field. Many exhibitors will display the latest mapping and geographic information and management systems currently available.

Arrive early or stay late and enjoy the lovely warm and sunny Palm Springs fall weather, fabulous golf courses, world-class tennis courts, fine restaurants, and excellent shops. Visit the EERI web site at: www.eeri.org/Meetings/6ICSZ.html.

The Global Seismic Hazard Map (1999), produced by the Global Seismic Hazard Assessment Program, a demonstration project of the UN/International Decade of Natural Disaster Reduction, conducted by the International Lithosphere Program.



Announcements

NEES Consortium Meeting

As announced in the July *Newsletter*, EERI is hosting a meeting to explore the feasibility of a community-based proposal to the National Science Foundation for the establishment of the NEES (Network for Earthquake Engineering Simulation) Consortium. This meeting is scheduled for September 26-27, 2000 at the Clarion Hotel near the San Francisco Airport, 401 East Millbrae Ave., Millbrae, CA 94030, reservations: 800/223-7111, fax: 650/697-8735, direct: 650/692-6363. The meeting is open to all members of the research community and its stakeholders, and is not restricted to EERI members. In order to plan the meeting and make catering arrangements, those intending to participate are asked to register with the EERI office by fax (510/451-5411) or e-mail (eeri@eeri.org) by **September 15**. Even if you have already expressed interest in this meeting, please confirm that you will attend. The CUREe Committee on NEES will be making a presentation, and time will be set aside for others who may be interested in making a formal contribution to this effort. Please contact Ian Buckle (igbuckle@unr.edu) or Susan Tubbesing at the EERI office if you wish to make a presentation.



National Earthquake Hazards Reduction Program

News of the Institute

Partnership with FEMA a Benefit to EERI Members and Earthquake Mitigation

Over the years, EERI members have benefited in many ways from EERI's Cooperative Agreement with FEMA. At the St. Louis Annual Meeting, FEMA Director James Lee Witt touched on some of the areas in which EERI and FEMA have worked together to reduce earthquake losses throughout the nation.

Recognizing that significant damage in Northridge was the result of poor construction practices, EERI and ICBO (the International Conference of Building Officials) drew upon funding from FEMA to produce a video, "Resisting the Forces of Earthquakes." The video explains how carpenters, framers, and building inspectors can protect wood-frame buildings from earthquake damage. The videotape is also being used by FEMA for training at the Emergency Management Institute in Emmitsburg.

In 1998, EERI developed a *Strategic Plan* for FEMA (*FEMA 315*) dealing with the Seismic Rehabilitation of Existing Buildings, and in 1999, an *Action Plan* for Performance-Based Design (*FEMA 349*). Both of these projects recognized the need to go beyond the tradi-

tional earthquake engineering community to increase understanding and involvement of the business, financial, and insurance industries in earthquake hazard mitigation. This past fall, EERI drew upon support from FEMA to invite a unique group of insurers, lenders, building owners, and policy makers to Seattle for two days of discussions.

This meeting was the first step in an important dialogue that is leading to a better understanding of the ways in which the engineering community can work with the finance and insurance industries to reduce earthquake risks. EERI has just released a new white paper, *Financial Management of Earthquake Risk*, and is currently engaged in a long-term project with the Public Agency Risk Management Association (PARMA) to develop and disseminate tools for use by risk managers in cities, counties, and other public entities.

Several years ago, when EERI first began to develop student chapters, FEMA offered to underwrite chapter activities, recognizing this as an important way to encourage young people to dedicate themselves to careers in the earthquake engineering field. Today EERI has 19 student chapters throughout the country, with many of the most active in the Midwest.

FEMA and EERI are working together to encourage the most talented young researchers to focus on NEHRP's goal, to reduce earthquake losses. Since 1993, FEMA has underwritten the EERI/NEHRP graduate and professional fellowship programs, supporting graduate students and mid-career professionals. At the 2000 Annual Meeting, attendees had an opportunity to hear from last year's graduate fellow, Judy Liu from U.C. Berkeley, who described her research on steel connections.

Each year the professional fellow produces a report at the conclusion

of a six-month research effort. Several of these research reports have contributed to the dataset considered in the development of the codes that influence seismic design throughout the country.

Over the years, EERI has organized technical seminars in Chicago, St. Louis, Memphis, Little Rock, Boston, and other cities throughout the Midwest and East. This has allowed hundreds of practicing engineers to be exposed to information about seismic risk and current seismic design provisions and techniques. FEMA support for the technical seminars has made it possible for EERI to bring these seminars to areas of the country where infrequent seismic activity goes hand-in-hand with limited interest and expertise.

The Cooperative Agreement underwrites the cost of numerous publications and other important technical materials, from the oral histories featuring the founders of the earthquake engineering field, to post-earthquake reconnaissance reports, postearthquake videos, slide CD-ROMs, studies of long-term lessons from earthquakes, and conference proceedings.

Finally, the "yellow book" series, overseen by Ugo Morelli at FEMA, is influencing professional practice throughout the United States and beyond. EERI is pleased to have been part of the initial joint venture in 1985 that laid the groundwork for this series, but Ugo Morelli deserves the respect of the profession for his tireless commitment to the program, resulting in what will soon be a national seismic code, when the *NEHRP Provisions* are incorporated into the *International Building Code*.



News of the Profession

Congressional Natural Hazards Caucus Holds First Forum

The recently formed Congressional Natural Hazards Caucus held its first forum on reducing America's vulnerability to disasters on June 21, 2000, in Washington, D.C. The caucus was created to develop a wider understanding within Congress of the value of reducing the risks and costs of natural disasters. Jurisdiction for natural hazards programs is spread among many committees, each of which handles only a piece of the overall effort to prevent and mitigate natural disasters. A caucus can provide the "big picture" to lawmakers and their staffs, and it gives them the opportunity to see how the issues that fall within individual committee jurisdictions fit into a larger national effort. Co-chairs of the caucus are Senators Ted Stevens (R-AK) and John Edwards (D-NC).

The Natural Hazards Caucus is supported by a working group of scientific and engineering societies, including EERI, along with private sector companies concerned with disasters. The following are among the objectives of the caucus: improve understanding of the need to mitigate against the impacts of floods, earthquakes, hurricanes, landslides and land subsidence, tornadoes, volcanoes, wind storms, drought, fire, and tsunamis; foster better land-use planning and optimize building codes; strengthen public and private support for science and engineering research by demonstrating how application of advances in science and engineering research can contribute to saving lives and money; and support the implementation of new technologies, such as geographic information systems, to address societal challenges faced by state and local governments and the private sector.

News of the Membership

ACI Elects Jirsa President

James O. Jirsa, an EERI member since 1976, was recently elected President of the American Concrete Institute (ACI), an educational society dedicated to improving the design, construction, and maintenance of concrete structures. He was elected after serving a two-year term as vice president. Jirsa has been involved with ACI for more than three decades. He has served as chairman of several committees, and has been honored numerous times for his achievements in concrete studies.

Jirsa is Chairman of the Department of Civil Engineering at the University of Texas at Austin. His current research focuses on the



James O. Jirsa

behavior and design of reinforced concrete structures subjected to severe loading and exposure conditions. He has been a member of the University of Texas engineering faculty since 1972.

Announcements

World Congress on Disaster Reduction

The American Society of Civil Engineers (ASCE) Council on Natural Disaster Reduction (CNDR) announces the First World Congress on Disaster Reduction to be held in Washington, D.C., on August 19-24, 2001. A Congress Directorate is also being formed and is expected to comprise representatives of more than 1,000 national and international organizations. Members of the directorate will have opportunities to contribute to the realization of the goals and objectives of the congress, and the development and implementation of timely and effective strategies for ongoing projects that will advance sustainability of the built environment and improve the entire scope of disaster technical assistance.

The overall goal of the congress is to enable every community to move toward sustainable urban development in the face of natural and technological hazards. The five major objectives are to 1) create alliances, or networks of cooperating organizations, for the worldwide support of the research and development capacity that is linked to human capital development; 2) develop a realistic "road map" for the future, containing "Blueprints for Change" for a worldwide paradigm shift on disaster reduction; 3) accelerate innovative development of databases, technology, and resources for sharing and transferring technology; 4) identify potential regional projects and help to generate public and private sector support for them, integrating scientific research and applications that could have a meaningful role in addressing social vulnerability; and 5) establish Science and Technology Centers of Excellence having the capacity to develop science-based and community-based solutions to specific problems.

For more information on the congress, contact Walter Hays, American Society of Civil Engineers, 1801 Alexander Bell Drive, Reston, VA 20191, phone: 703/295-6054; e-mail: whays@asce.org.

Announcements

Workshop on Historical Building Code

The California Preservation Foundation (CPF) is sponsoring a workshop on the new *State Historical Building Code*. It will be held September 22, 2000, at the Presidio Golden Gate Club in San Francisco. For registration information, contact CPF Workshop Registration, 1611 Telegraph Ave., Suite 820, Oakland, CA 94612; phone: 510/763-0972; fax: 510/763-4724.

12th European Conference on Earthquake Engineering

The 12th European Conference on Earthquake Engineering (12ECEEE) will be held September 9-13, 2002, at the Barbican Center in London, UK. Further information can be obtained from Rachel Coninx, 12ECEEE Secretariat, Institution of Civil Engineers, London SW1P 3AA, UK; fax: +44-0-20-7233-1743; e-mail: 12ECEEE@ice.org.uk.

SEM 2001

The Society for Experimental Mechanics (SEM) 2001 Annual Conference on Experimental and Applied Mechanics will be held June 4-6, 2001, in Portland, Oregon. SEM is accepting papers for presentation at the conference through October 2, 2000. Papers are invited in the following tracks: (1) Nanotechnology, (2) Validation of Computational Models: Methods and Experiences, (3) Experimental and Applied Mechanics (several topics are within this track), (4) Mechanics and Measurements, and (5) Biologically Inspired Materials. See the SEM web site at www.sem.org for the full Call for Papers and the electronic submission guidelines.

SDEE'2001

The 10th International Conference on Soil Dynamics and Earthquake Engineering (SDEE'2001) will take place in Philadelphia, Pennsylvania, October 7-10, 2001. SDEE'-2001 will expand the state of the art in soil dynamics and earthquake engineering and complement the objectives of the international journal of that name. The conference will also provide a forum for the discussion of current activities in the interdisciplinary fields of geophysics; geology; and earthquake, geotechnical, and structural engineering.

Prospective authors of technical papers are invited to submit a 500-word abstract to Aspasia Zerva at the Conference Secretariat (e-mail: sdee2001@drexel.edu, phone 215/895-2340, fax 215/895-1363) by October 1, 2000, preferably in electronic format. For more information on SDEE'2001, contact the conference secretariat or see the conference web page, www.drexel.edu/sdee2001.

Tall Buildings and Urban Habitat

The 6th World Congress of the Council on Tall Buildings and Urban Habitat will be held February 26-March 2, 2001, in Melbourne, Australia. The congress program is designed to progress from a review of existing conditions to an assessment of probabilities for "Cities in the Third Millennium," the theme of the congress. Separated into two subject streams, one focusing on urban habitat issues and the other on tall building technology, most sessions will be presented by invited speakers. In addition, special sessions are scheduled to give the opportunity for a wide range of presenters to raise issues of special interest. For more information, see the web site www.icms.com.au/tbuh.

Conference on Earthquake Disasters

The Second Kampala Conference on Earthquake Disaster Preparedness will be held December 4-5, 2000, in Kampala, Uganda. The conference is sponsored by the Uganda Seismic Safety Association. The purpose is to bring together politicians, engineers, planners, NGOs (non-governmental organizations), scientists, insurers, and others to exchange ideas, information, and experiences. The theme of the conference is "Reducing Earthquake Effects in Developing Countries" with the following sub-themes: experiences from other countries, building codes, seismic hazard and risk assessment, government role or policy, NGOs' role in mitigation, and strategies for mitigation and disaster response.

Abstracts are due by September 30, 2000. For more information, contact Ezra M. Twesigomwe, Department of Physics, Makerere University, P.O. Box 7062, Kampala, Uganda; fax: 041-531061; phone: 041-531498; e-mail: physics@starcom.co.ug.

Conference on Modeling and Simulation

The First Albert Caquot International Conference on "Modeling and Simulation in Civil Engineering: From Practice to Theory" will be held in Paris, France October 3-5, 2001. The conference will focus on the following issues: (1) Models: What is needed and required for development? How to associate complementary models fitted to various steps? How to optimize modeling projects technically and economically? What are methods and models for quantifying risks? (2) Data: How can data be collected? How can data uncertainty be taken into account? How to manage lack of experimental data? How to use computerized data-

bases? (3) Validation: What should be validated in complex problems? How can models and experiments be compared? How can model performance be assessed? How can a model be qualified?

Abstracts on the issues of models, data, or validation, are due by October 1, 2000. For abstract submittal and more information about the conference, see the web site www.enpc.fr/caquot/ or contact the conference secretariat, Francoise Bourgain, by e-mail at bourgain@mail.enpc.fr.

Publications

ICBO's Spanish Publications

The International Conference of Building Officials (ICBO) has published the *Constructionary - Construccionario*, a pocket-size dictionary of up-to-date construction terms and phrases in both Spanish and English, to improve communication between multicultural workers in the construction industry.

Constructionary - Construccionario has 210 pages with more than 1,000 helpful construction terms and more than 70 useful on-the-job phrases, a tools section, and practical tables. Phonetic pronunciations are provided for both the English and Spanish words.

In July 1999, ICBO finalized the translation of the 1997 *UBC* into Spanish. The translation was initiated as part of ICBO's ongoing efforts to facilitate Spanish-English communication, thereby increasing public safety. This would make the *UBC* accessible to Spanish-speaking users in Latin America and those living and working in the United States.

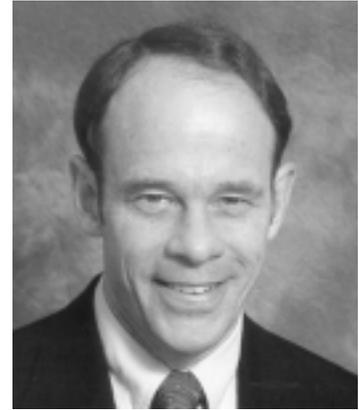
For more information or to order ICBO publications, call 800/284-4406 or visit the ICBO web site at www.icbo.org.

News of the Membership

Klingner Receives ASTM Award

Richard E. Klingner, an EERI member since 1983 and Director of the Ferguson Structural Engineering Laboratory at the University of Texas at Austin, has been named a 2000 American Society for Testing and Materials (ASTM) Award of Merit winner. Klingner also received the title of Fellow, the highest society award given to an individual member for committee participation and contributions. Klingner was cited for his service and leadership in Committee C15 on Manufactured Masonry Units and for his personal commitment to ASTM.

Klingner is one of the foremost authorities on the testing and design of anchors in concrete and masonry. His work at the University of Texas has provided an important source of information, and his drive



Richard E. Klingner

to continue with masonry research has inspired others to improve test procedures and their reproducibility. His dedication to educating others about ASTM standards and the background behind these provisions has been of tremendous value.

News of the Profession

New International Graduate School in Earthquake Engineering

An new international graduate school in earthquake engineering will open in January 2001, based at the University of Pavia in Italy. The European School of Advanced Studies in Reduction of Seismic Risk (ROSE) graduate school has been launched in recognition of the fact that the world demand for specialists in earthquake engineering is increasing, and also that high quality education of professionals and researchers has a great impact on reducing seismic risk.

The director of the school is EERI member Professor G. Michele Calvi. The present faculty members of the school include academics and researchers from the following institutions: Imperial College, London; Massachusetts Institute of Technology; Politécnico di Milano, Italy; Servizio Sismico Nazionale, Italy; Stanford University; Tokyo Institute of Technology; University of Tokyo; Università degli Studi di Genova, Italy; Università degli Studi di Pavia, Italy; Università di Roma "La Sapienza," Italy; University of California at Berkeley; University of California at San Diego; University of Illinois at Urbana-Champaign; and University of Patras, Greece.

Applications for admission to the winter term of the Master's Program should be received no later than October 15, 2000. A maximum of 20 students will be admitted on the basis of academic qualifications. Further information about the school, including application forms and scholarships, can be obtained from ROSE School, Secretariat, Collegio A. Volta, Via Ferrata, 27100 Pavia, Italy; phone: +39-0382-548-735; e-mail: rose@unipv.it; web site: spadino.unipv.it/rose.html.

News of the Membership

Saiidi Named Outstanding Researcher

M. Saiid Saiidi, an EERI member since 1981, was recently selected as the Outstanding Researcher of the Year 2000 at the University of Nevada, Reno (UNR). He was recognized for his research on earthquake engineering of bridges. Saiidi has more than 200 publications and has presented seminars on his work in 20 countries. He has directed several research projects with funding from NSF, the California and Nevada Departments of Transportation, MCEER, and private industry. He has also directed national and international research



M. Saiid Saiidi

workshops for NSF. Saiidi is an ACI Fellow and holds a professorship awarded by the UNR Foundation.

Publications

Demolitions After Earthquakes

Decisions to Demolish, the final report of an NSF-funded study of demolitions after earthquakes, is now available. The study found that about 10% of red- and yellow-tagged buildings were demolished after the Loma Prieta and Northridge earthquakes. Although most demolitions were of red-tagged buildings, the majority of red-tagged buildings were not demolished. Single-family residences accounted for almost 70 percent of all demolitions. Most commercial demolitions were unreinforced masonry buildings in old downtowns. Many of these demolished buildings were historic. The primary reason for all demolitions was severe damage. Local government decisions were based on concerns for public safety; property owners were more likely to consider the costs of alternatives and availability of financing in making decisions.

Copies of the report are available from Spangle Associates, 3240 Alpine Road, Portola Valley, CA 94028-7592; phone: 650/854-6001; fax: 650/854-6070. The cost is \$10 to cover postage and handling.

Seismic Safety Commission On-line Reports

The California Seismic Safety Commission has put three new publications on-line — free for patient downloaders of Adobe Acrobat (pdf) files. They are *SSC 00-03: A Report to the Governor and the Legislature on Lessons Learned from Recent Earthquakes in Turkey, Greece, and Taiwan*; *SSC 00-02: Status of California's Unreinforced Masonry Building Law in Year 2000*; and *SSC 99-04 to 99-06: Earthquake Risk Management Tools for Decision Makers — A Guide, Toolkit, and Mitigation Success Stories*, recently recognized for Excellence in Mitigation by the Western States Seismic Policy Council.

The publications are available at the web site: www.seismic.ca.gov. For more information, contact Fred Turner at the California Seismic Safety Commission, 1755 Creekside Oaks Drive, Suite 100, Sacramento, CA 95833; phone: 916/263-0582; fax: 916/263-0594; e-mail: fturner@quiknet.com.

News of the Profession

Improvements in SECED's Web Site

The United Kingdom's group for earthquake engineering professionals, SECED (Society for Earthquake and Civil Engineering Dynamics), has recently acquired its own domain name and moved its web site to www.seced.org.uk. It has also started an on-line discussion facility; currently running are a general site (www.mailbase.ac.uk/lists/seced-discussions/), a discussion on the choice of time histories for seismic design (www.mailbase.ac.uk/lists/time-histories/), and a discussion on the seismic design and retrofit of bridges (www.mailbase.ac.uk/lists/seismic-bridges/). The latter follows a successful joint meeting last year with the American Concrete Institute and the French earthquake society AFPS. Each site includes a detailed report on the subject in question and records of the discussion to date. All interested professionals (not just SECED members) are cordially invited to join and contribute to SECED's on-line discussions.

BRGG Seeks New Members and More Diversity

The Technical Affairs Committee of the California State Board of Registration for Geologists and Geophysicists (BRGG) is adding members and needs a larger supply of candidates to choose from. In hopes of being able to maintain diversity in gender, location, and professional interest, the committee is seeking resumes from women, geophysicists, mining/oil geologists, and environmental geologists, preferably from those living north of Los Angeles. Those interested should send a resume and a short letter of interest to the BRGG (geology@dca.ca.gov) immediately.

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**.

2000

SEPTEMBER

5-8. Postearthquake Highway Response and Recovery Seminar, St. Louis, MO. Info: www.fhwa.dot/odiv/quake.htm (5/00)

8. Robert Wallace Dedication Ceremony, USGS, Menlo Park, CA. Info: phone: 650-329-4883, e-mail: nsandoval@usgs.gov (8/00)

11-12. SAC Seminar, San Francisco, CA. Info: www.atcouncil.org (8/00)

13-14. HAZUS Bay Area Users Group Meeting, Cupertino, CA. Info: www.hazus.org (6/00)

13-15. IBHS Annual Congress, Newport, RI. Info: www.ibhs.org (6/00)

14. SMIP 2000 Seminar, Sacramento, CA. Info: mhuang@consrv.ca.gov (8/00)

17-22. WSSPC Natural Hazards Conference, Seattle, WA. Info: www.wsspc.org (2/00, 7/00)

18-20. Symposium on Automation and Robotics in Construction, Taipei, Taiwan. Info: www.ce.ntu.edu.tw/~isarc17 (5/00)

18-21. BOCA Annual Conference, Rochester, NY. Info: www.bocai.org (8/00)

18-21. 16th Congress of the International Association of Bridge and Structural Engineering, Lucerne, Switzerland. Info: www.iabse.ethz.ch (1/99)

21-24. 43rd Association of Engineering Geologists Annual Meeting, San Jose, CA. Info: www.aegweb.org (3/00)

22. Workshop on Historic Building

Code, San Francisco, CA. See page 4. (9/00)

22-23. SAC Seminar, Los Angeles, CA. Info: www.atcouncil.org (8/00)

24-26. Eastern SSA Meeting, Atlanta, GA. Info: www.seismosoc.org (7/00)

25-26. 3rd International Conference on Ground Improvement Techniques, Singapore. Info: fax +65-235-3530, cipremie@signet.com.sg (7/99)

25-October 6. Workshop on 3-D Modeling of Waves, Trieste, Italy. Info: www.ictp.trieste.it (5/00)

26-27. NEES Consortium Meeting, San Francisco, CA. See page 1. (9/00)

27-28. SAC Seminar, Seattle, WA. Info: www.atcouncil.org (8/00)

OCTOBER

5-7. Deep Foundations Institute International Conference and Exposition, New York, NY. Info: www.dfi.org (11/99)

11-13. Risk 2000 Conference, Bologna, Italy. Info: www.wessex.ac.uk (1/00)

NOVEMBER

4-7. IAEM Annual Conference, Austin, TX. Info: iaem@aol.com (7/00)

7. Kobori Symposium, Kyoto, Japan. Info: suzuki@zeisei.dpri.kyoto-u.ac.jp or wdiwan@caltech.edu (3/00)

7-9. 5th International Conference on Corporate Earthquake Programs, San Jose, CA. Info: Steven Vukazich, vukazich@email.sjsu.edu (11/99)

12-15. 6th International Conf. on Seismic Zonation, Palm Springs, CA. Info: EERI office, eeri@eeri.org, www.eeri.org (6/98, 12/99, 9/00)

15-16. AEES Annual Conference, Hobart, Tasmania. Info: www.aees.org.au/News/2000_AGM.html (6/00)

16-18. Conference on Traditional Buildings, Istanbul, Turkey. See page 8. (9/00)

DECEMBER

4-5. Earthquake Disaster Preparedness Conference, Kampala, Uganda. See page 4. (9/00)

13-15. ASD 2000, Hong Kong. Info: ceylxu@polyu.edu.hk (3/00)

2001

JANUARY

7-12. Conference on Computer Methods and Advances in Geomechanics, Tucson, AZ. Info: intermix.engr.arizona.edu/~epd/#IACMAG (11/99)

FEBRUARY

7-10. 2001 EERI Annual Meeting, Monterey, CA. Info: www.eeri.org (2/00)

26-March 2. Tall Buildings Conference, Melbourne, Australia. See page 4. (9/00)

MARCH

19-22. International Symposium on Deformation Measurements, Anaheim, CA. Info: www.pasadena.wr.usgs.gov/scign/fig/ (3/00)

21-23. Safety, Risk, and Reliability - Trends in Engineering, Malta. Info: malta.2001@iabse.ethz.ch, web site: www.iabse.ethz.ch/conferences/malta (11/99)

JUNE

4-6. SEM Annual Conference, Portland, OR. See page 4. (9/00)

OCTOBER

3-5. Modelling and Simulation in Civil Engineering, Paris, France. See page 4. (9/00)

7-10. SDEE'2001, Philadelphia, PA. See page 4. (9/00)

2002

JULY

21-25. 7th National Conference on Earthquake Engineering, Boston, MA. Info: www.eeri.org (9/99)

SEPTEMBER

9-13. 12th European Conference on Earthquake Engineering, London, UK. See page 4. (9/00)

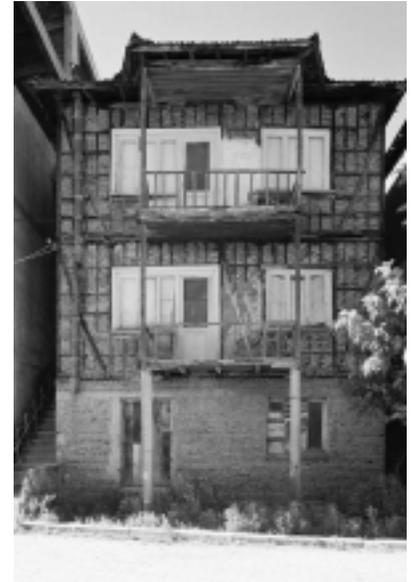
Announcements

**UNESCO/ICOMOS
Conference on
Traditional Buildings**

A UNESCO/ICOMOS International Conference on the Seismic Performance of Traditional Buildings is scheduled for November 16-18, 2000, in Istanbul, Turkey. While many people have seen the heart-rending images of collapsed concrete apartment houses in Turkey last year, few have seen the many brick and timber houses constructed in a traditional method still standing among the destroyed buildings. The fact that some of these houses remained standing contrasted with the conventional wisdom about the questionable safety of such construction. Since reinforced concrete has largely replaced masonry and timber construction throughout the world,

researchers seldom address the apparent seismic resistance of particular forms of these traditional structures and the influence that earthquakes may have had on their evolution.

This conference, entitled *Earthquake-Safe: Lessons To Be Learned From Traditional Construction*, will provide a forum to bring people from many parts of the world to focus on these issues. It will also explore what can be learned from these historic structures that could lead to improvements in contemporary building codes and practice. The conference is sponsored by UNESCO, ICOMOS (International Council on Monuments and Sites), and the Government of Turkey, Ministry of Culture. For more information and conference registration, contact conference@ahsap.com. The conference web page can be accessed from the ICOMOS International Wood Committee home page at www.icomos.org/iwcl/.



Three-story house in traditional Turkish construction dating from the early 20th century survived the Kocaeli earthquake with little damage, while one block away several modern buildings collapsed (photo: Randolph Langenbach, 2000).



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