

**EARTHQUAKE ENGINEERING  
RESEARCH INSTITUTE  
NEWSLETTER**

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## News of the Institute

### Professional Fellowship Change

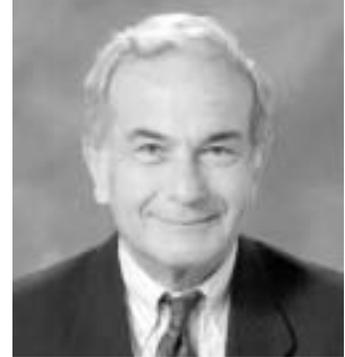
On page 6 of the June *Newsletter*, there was an announcement soliciting applications for a Professional Fellowship with a \$30,000 stipend funded by FEMA. The application deadline is September 10. This year the fellowship program includes a significant change. No longer is the candidate expected to spend a full-time six-month period engaged in a research effort or period of study. Instead, candidates may propose a project that would be carried out over a full year. This change was made because it is increasingly difficult to attract mid-career professionals who are able to devote full time to the project for a six-month period. It is hoped that this change will increase the number of candidates.

## News of the Institute

### Mete Sozen Named EERI's Distinguished Lecturer for 2002

Mete Sozen, the Kettelhut Distinguished Professor of Structural Engineering at Purdue University, has been chosen to give EERI's 2002 Distinguished Lecture.

An EERI member since 1970, Sozen was nominated by the Honors Committee in recognition of his basic contributions to the seismic design of prestressed concrete structures through his research in experimental testing and structural analysis. He has made and continues to make fundamental contributions to the advancement of seismic design technologies and their application to the design of structures. He has also been instrumental in the development of professional design codes for reinforced and prestressed concrete structures. From 1977 to 1983, Sozen chaired the American Concrete Institute subcommittee that produced the set of regulations currently in use worldwide for earthquake-resistant design of reinforced concrete structures. He has contributed to design procedures currently used in the ACI



*Mete Sozen*

Building Code and the European Concrete Committee model code for flexural and shear strength of prestressed concrete, reinforced concrete floor slabs, and bond. He has been a consultant to code-writing bodies in Algeria, Colombia, Nicaragua, Romania, El Salvador, Turkey, and Venezuela.

In February 2002, Sozen will present his lecture for the first time at EERI's 54th Annual Meeting in Long Beach, California. Groups interested in having him present the lecture subsequently should contact the EERI office.

## News of the Institute

### Annual Meeting 2002: Return to Long Beach

The 2002 EERI Annual Meeting Organizing Committee, consisting of the Executive Committee of the new Southern California Regional Chapter of EERI, is hard at work making plans for an intriguing program. The committee is comprised of Terry Dooley (chair), Dave Breiholz, Henry Huang, Marshall Lew, and Paul Somerville. They are focusing on the area where the meeting will take place: Long Beach, California, where earthquake engineering took its first halting steps. The program will look at how the profession has grown and what lies ahead.

The meeting will explore what happened in the Long Beach earthquake of 1933, changes in the earthquake fields in the immediate aftermath of that event, and the major long-term advances. Other sessions will consider what could happen in vulnerable U.S. cities in a major earthquake, what prepara-

*continued on page 5*



National Earthquake  
Hazards Reduction  
Program

## News of the Profession

### New Strategic Plan for UJNR Panel on Wind and Seismic Effects

The new Strategic Plan for the Panel on Wind and Seismic Effects, established under the U.S. – Japan Cooperative Program on Natural Resources (UJNR), was ratified at the 33rd Joint Panel Meeting held recently in Japan. This milestone represents the culmination of a transformation that began a year ago and aligns the panel with the current strategic priorities of participating government agencies in the two countries. Highlights of the Strategic Plan and recent organizational changes in Japan are summarized below.

The UJNR Panel on Wind and Seismic Effects decided to work on the following goals:

- to deliver strategic value to participating government agencies in priority areas;
- to engage actively the private sector and the university community in its work;
- to conduct coordinated research to leverage experimental facilities and human resources; and
- to strengthen scientific and technical cooperation through workshops and exchange of personnel.

The following nine themes encompass the scope of the panel's activities: geotechnical engineering and ground motion, buildings, dams,

wind, lifelines, seismic information, transportation, storm surge and tsunami, and public health.

The panel may approve the formation of a task committee to address any one of these themes, for one year at a time, if it remains active. Cooperative activities may also be conducted under the auspices of the panel without the formation of a task committee. The task committees will report results of their work through papers presented at the Annual Joint Panel Meeting and through task committee reports.

For additional information about the workings of the panel or how you may participate, contact Stephen Cauffman ([cauffman@nist.gov](mailto:cauffman@nist.gov), 301/975-6051) at NIST.

## Call for Abstracts

### Urban Hazards Forum

Region II of the Federal Emergency Management Agency (FEMA), in conjunction with John Jay College of Criminal Justice of the City University of New York, announces a call for papers for the Urban Hazards Forum scheduled for January 22-24, 2002, in New York City.

Papers dealing with evolving aspects of emergency management in the urban context are welcomed. Quantitative evaluations, case studies, and conceptual papers addressing the unique challenges associated with urban environments will receive consideration.

Abstracts of not more than 500 words should be sent to the Organizing Committee by September 14, 2001.

The web site [www.jjay.cuny.edu/urbanhazardsforum](http://www.jjay.cuny.edu/urbanhazardsforum) lists topics of interest as well as additional information about the Urban Hazards

Forum. Further information is available from: Urban Hazards Forum, Public Management Dept., 445 W. 59th Street, New York, NY 10019; phone: 212/237-8049.

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## News of the Profession

### Job Opportunities

**George W. Housner Postdoctoral Fellowship**, Civil Engineering Dept., California Institute of Technology, Pasadena. Responsibilities include leading-edge earthquake engineering research in the spirit of Dr. Housner's contributions. A Ph.D. in structural or geotechnical engineering required, with research experience in engineering seismology, earthquake-resistant design and construction, or socioeconomics of earthquake risk. Applications accepted until position filled. Annual salary: \$58,000. Send application letter, resume, and three references to J. F. Hall, Caltech, 1200 E. California Blvd., MC 104-44, Pasadena, CA 91125-4400, phone 626/395-4160.

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## News of the Institute

### Endowment Fund Donors

The following donations to the EERI Endowment Fund have been received.

#### \$5,000

Geballe, Mr. & Mrs. Theodore Hollis, Edward P

#### \$100 - \$199

Eisner, Richard

#### Other Amounts

Cobeen, Kelly  
Dengler, Lori  
Lawver, Darell J  
Mole, Andrew  
Moon, Kwan

## Announcements

### 7NCEE Papers Due October 1

Papers to be presented at the Seventh U.S. National Conference on Earthquake Engineering (7NCEE), being held from July 21 to 25, 2002, at the Park Plaza Hotel in Boston, Massachusetts, are due on October 1. Detailed submission information was e-mailed in August to the corresponding author of each accepted abstract. The decision as to whether authors will be required to make oral or poster presentations will depend upon the review of the final submitted papers. All accepted papers, whether presented orally or as posters, will be included in the Proceedings.

As was the case with the abstracts, papers are to be submitted online to [www.eeri.org/7nceesubmit](http://www.eeri.org/7nceesubmit). Payment of one \$200 author's fee per paper will be required upon submission of the paper. It will be deducted from the registration fee. Payment can be made online by Visa or MasterCard to the secure web site, or it can be mailed.

If your paper is not received promptly, it may not be possible to include it in the Proceedings, which will be published in both printed and electronic forms. A bound Abstract volume and a CD-ROM containing the Proceedings will be provided as part of the registration package. The CD-ROM will contain the complete papers, including color figures, photos, and tables. A hardbound copy of the full Proceedings (black and white only) will also be available for an additional charge; orders can be placed at the time of registration.

## News of the Institute

### Board Nominees Announced

The 2002 EERI Nominating Committee has submitted a slate of candidates for President-Elect and the two Director positions that will become open when Chris Arnold, Thalia Anagnos, and Paul Somerville complete their terms next January. The nominees are:

#### For President-Elect:

**Thomas D. O'Rourke**, Professor, Department of Civil and Environmental Engineering, Cornell University, Ithaca, New York

#### For Director A:

**Mary C. Comerio**, Professor, Architecture Department, University of California at Berkeley

**Ronald T. Eguchi**, ImageCat, Inc., Long Beach, California

#### For Director B:

**Ralph J. Archuleta**, Professor, Institute for Crustal Studies, University of California at Santa Barbara

**Donald Ballantyne**, Vice President, EQE International, Inc., Seattle, Washington

Additional nominations may be made by the membership in accordance with Article VII of the EERI Bylaws (Sections 4 and 5), upon submission of a petition with signatures of 25 members. Petitions must be received prior to November 1. Biographies of the candidates and short vision statements will be published in a future issue of the *Newsletter* and posted on the EERI web site, [www.eeri.org](http://www.eeri.org). EERI wishes to thank the Nominating Committee: Roger D. Borchardt (chair), Craig Comartin, Stephanie A. King, Peter J. May, and Chris D. Poland.

## Call for Abstracts

### Risk Analysis 2002

Risk Analysis 2002, the Third International Conference on Computer Simulation in Risk Analysis and Hazard Mitigation, will be held June 19-21, 2002, in Sintra, Portugal. Conference topics include hazard prevention, management, and control; estimation of risks; emergency response; data collection and analysis; hazardous materials in transit; water resources modeling and management; landslides; earthquakes; soil and water contamination; air quality studies; damage remediation; risk asso-

ciated with Brownfield developments; waste disposal risks; floods and droughts; coastal and sea pollution, including oil spills; and case studies.

Abstracts of no more than 300 words should be submitted as soon as possible to: Susan Hanley, Conference Secretariat, Risk 2002, Wessex Institute of Technology, Ashurst Lodge, Ashurst, Southampton, SO40 7AA, UK; fax: +44-0-238-029-2853; e-mail: [shanley@wessex.ac.uk](mailto:shanley@wessex.ac.uk); web: [www.wessex.ac.uk/conferences/2002/risk02/](http://www.wessex.ac.uk/conferences/2002/risk02/).

## Announcements

### SMIP01 Seminar on Strong-Motion Data

The California Strong Motion Instrumentation Program (CSMIP) in the Division of Mines and Geology of the California Department of Conservation announces a one-day seminar on "Utilization of Strong-Motion Data." The seminar is the thirteenth in a series of annual events designed to transfer recent research findings on strong-motion data to practicing seismic design professionals and earth scientists.

The purpose of this annual seminar is to increase the utilization of strong-motion data in improving post-earthquake response, seismic code provisions, and design practices.

The SMIP01 Seminar will be held on Wednesday, September 12, 2001, at the Los Angeles Airport Marriott Hotel. The seminar program will include presentations by investigators who were funded by CSMIP to perform data interpretation studies during the past year, and invited experts who have utilized strong-motion data in specific studies. For further information on the seminar program and registration, please visit the web site [www.consrv.ca.gov/dmg/csmip](http://www.consrv.ca.gov/dmg/csmip) or call the CSMIP office at 916/322-3105.

### Seminar on 2000 IBC Structural Provisions

The International Conference of Building Officials (ICBO) and the National Council of Structural Engineers Associations (NCSEA), in cooperation with S. K. Ghosh Associates, are presenting a seminar entitled, "Overview of the 2000 IBC Structural Provisions." It will be given in 2001 at the following three locations: November 13 in Albany, NY;

November 14 in Arlington, VA; and December 4 in San Luis Obispo, CA.

This one-day seminar will provide an overview of the following code provisions: seismic, wind, and other design loads; quality assurance, special inspection, and testing programs; soils and foundations; and concrete, masonry, steel, and wood design requirements.

The registration fee is \$235 for SEA/ICBO members and \$285 for non-members. For more information and to register for these seminars, visit ICBO's web site at [www.icbo.org](http://www.icbo.org), or call 800/423-6587, x3418.

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## Publications

### Geotechnical Earthquake Engineering and Structural Dynamics

The Fourth International Conference on Recent Advances in Geotechnical Earthquake Engineering and Soil Dynamics was held March 26-31, 2001, in San Diego, California. The conference had 366 participants from 33 countries. A technical symposium was held in conjunction with the conference to honor EERI member W. D. Liam Finn upon his retirement from the University of British Columbia.

The proceedings of the conference and symposium are available for purchase. The cost of the CD-ROM is \$300 plus \$5 for domestic shipping and \$20 for international airmail. It can be ordered from: Continuing Education, 1870 Miner Circle, 103 ME Annex, Rolla, MO 65409-1560; phone: 573/341-4200; fax: 573/341-4992; e-mail: [suep@umr.edu](mailto:suep@umr.edu).

## Announcements

### Dam Safety 2001

The Annual Conference of the Association of State Dam Safety Officials (ASDSO) will be held September 9-12, 2001, in Snowbird, Utah. This is one of the leading conferences in the United States dedicated to dam safety engineering and technology transfer. The conference features 21 technical sessions covering the latest policy and technical information concerning dam safety in the United States.

For more information, contact the ASDSO at 450 Old Vine St., 2nd Floor, Lexington, KY 40507; phone: 859/257-5140; fax: 859/323-1958; web site: [www.damsafety.org](http://www.damsafety.org).

### Disaster Management Workshop

The University of Wisconsin – Madison, Department of Engineering Professional Development, will offer a disaster management workshop, "Managing Mass Population Displacement Emergencies," September 17-21, 2001, in Madison, Wisconsin. The workshop is designed for the career international humanitarian fieldworker, program or project officer, or anyone interested in understanding a standards-based and rights-based approach to humanitarian assistance. Participants in the course will increase their understanding of the Sphere Project; better understand disaster communications systems, options, and standards for humanitarian organizations; learn how to apply guidelines generated within the response community; and use widely accepted standards for humanitarian programs.

For more information about the workshop, see the course brochure at [epdwww.engr.wisc.edu/brochures/A454.html](http://epdwww.engr.wisc.edu/brochures/A454.html).

## Annual Meeting 2002

*continued from page 1*

tions the ports of Long Beach and Los Angeles have made, what preparations have been made nationally, and how EERI can make a difference.

Save the dates of February 6-9, 2002, so that you can be at the Westin Hotel in Long Beach and not miss what might be the best EERI Annual Meeting ever! Watch for more information in future *Newsletters* and in the program brochure to be mailed later in the fall.



*Long Beach waterfront (photo: City of Long Beach web site, [www.ci.long-beach.ca.us](http://www.ci.long-beach.ca.us))*

### Publications

## Stochastic Structural Dynamics

WIT Press has recently published another volume for earthquake practitioners, "Stochastic Structural Dynamics in Earthquake Engineering." The authors, G. D. Manolis and P. K. Kolioupolis, retained or adapted material on random vibrations and stochastic mechanics to the needs of civil engineers involved in the seismic design of structures. The book is Volume 8 in the WIT Press "Advances in Earthquake Engineering" series. The 296-page book retails for \$225, but is available to EERI members for a 30% discount. To receive the discount, orders must be placed within two months with Computational Mechanics, Inc. by phone: 978/667-5841, e-mail: [info@compmech.com](mailto:info@compmech.com), or web site: [www.compmech.com](http://www.compmech.com).

### Announcements

## Deep Foundations Institute Annual Conference

The 26th Annual Conference of the Deep Foundations Institute (DFI) will be held October 4-6, 2001, in St. Louis, Missouri.

The conference provides an opportunity for engineers, contractors, academics, and suppliers and manufacturers from the deep foundations construction industry to gather and learn from each other and discuss the state of the practice and the state of the art in the field.

To register for the conference or for more information, contact the DFI at 120 Charlotte Place, 3rd Floor, Englewood Cliffs, NJ 07632; phone: 201/567-4232; fax: 201/567-4436; e-mail: [dfihq@dfi.org](mailto:dfihq@dfi.org).

### Announcements

## WSSPC Annual Conference

The 2001 Annual Conference of the Western States Seismic Policy Council (WSSPC) will be held October 21-24, 2001, in Sacramento, California. The theme is "Seismic Risk Communication: Creating Greater Public Awareness and Action." The goal of the conference is to promote successful seismic risk communication, which creates awareness within populations of potential seismic hazards and promotes actions that can reduce losses.

For more information, contact WSSPC, 125 California Ave., Suite D201 #1, Palo Alto, CA 94306; phone: 650/330-1101; fax: 650/326-1769; or check the web site [www.wsspc.org/events/ac2001.htm](http://www.wsspc.org/events/ac2001.htm).

## Nominations Solicited for Geotechnical Engineering Prize

The Shamsheer Prakash Foundation is soliciting nominations for the "2001 Shamsheer Prakash Biannual Prize for Excellence in the Practice of Geotechnical Engineering" for young engineers and scientists (less than 45 years of age).

The candidates should be specialists in geotechnical engineering or geotechnical earthquake engineering, have made significant independent contributions, and show promise of excellence. The award consists of a cash prize of \$1,100 and a plaque.

The deadline for nominations is October 31, 2001. For more information, e-mail [prakash@umr.edu](mailto:prakash@umr.edu).

## News of the Profession

### PEER Funding Renewed by NSF

The Pacific Earthquake Engineering Research Center (PEER) recently underwent a major renewal review by the National Science Foundation (NSF), involving preparation of an annual report and renewal proposal, conducting a site visit, and responding to issues before a Blue Ribbon Panel at NSF. These major renewal reviews take place on a three-year cycle, and determine the long-term funding of the center. The NSF program managers contacted PEER headquarters to inform them that the Blue Ribbon Panel and the NSF program managers have recommended that PEER funding be renewed for the next five years. For more information on PEER, see the web site [peer.berkeley.edu](http://peer.berkeley.edu).

### Seismic Hazard in Island of Hawaii

A comprehensive seismic hazard assessment for the state of Hawaii was recently completed by researchers at the U.S. Geological Survey. They found that the seismic hazard in southern Hawaii Island is among the highest in the United States, possibly higher than in Los Angeles.

The study, published in the June issue of the *Bulletin of the Seismological Society of America*, estimates that over a 50-year period, there is a 2% chance of ground motion exceeding 1.75 g and a 10% chance of exceeding 1.2 g. This ground motion is due to earthquakes that originate mainly on the flanks of active volcanoes, and the values given are for sites underlain by lava. Areas covered by a layer of ash will experience even more intense shaking, if there is ground-motion amplification in the ash layer.

## Publications

### World Disaster Report

The International Federation of Red Cross and Red Crescent Societies has recently published its annual World Disasters Report. It indicates that international aid for major disasters often neglects the economic and social needs of local communities and fails to improve their resilience against future disasters. The report also warns that the number of weather-related disasters is expected to grow during the next few years because of global warming.

The Red Cross identifies poverty as a major factor in most disasters, and stresses that aid efforts must focus on long-term recovery and must take environmental threats seriously. The report reveals that the poor are hardest hit by disasters due to their vulnerability and inability to respond. Overall, natural disasters affected more than 250,000 people last year, according to the report.

While the number of geophysical disasters, such as earthquakes and volcanic eruptions, has remained fairly steady in the last 10 years, the number of weather-related disasters, including avalanches, landslides, and extreme temperatures, more than doubled in the last five years. The Red Cross, in looking at this 10-year window, blames this short-term trend on global warming and warns that this kind of disaster will increase.

Published annually since 1993, the World Disaster Report brings together the latest trends, facts, and analysis of the world's ever-growing humanitarian crises. The report is backed by the resources and expertise of the International Federation of Red Cross and Red Crescent Societies, which works to improve the lives of vulnerable people by mobilizing the power of humanity. The International Federation operates worldwide through 176 National Red Cross and Red Crescent Societies and its network of regional and county delegations. For more information on the World Disaster Report, check the web site [www.ifrc.org/publicat/wdr2001/index.asp](http://www.ifrc.org/publicat/wdr2001/index.asp).

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## Announcements

### Symposium on Soil Behavior

The Ladd Symposium on Soil Behavior and Soft-Ground Construction will be held at the Massachusetts Institute of Technology (MIT) in Cambridge, Massachusetts, October 5-6, 2001. The symposium is in honor of Charles C. Ladd, who is retiring from his position as a professor of civil and environmental engineering at MIT. Ladd is internationally renowned for his leadership and pioneering research in the fields of soil behavior, site characterization, and soft-ground construction. The technical program covers four topics: soil

physics and chemistry, mechanical properties, in-situ measurements, and engineering applications. The symposium is co-chaired by EERI Honorary Member Robert Whitman.

The Proceedings will be published as a Geotechnical Special Publication of the American Society of Civil Engineers.

For more information, check the web site [web.mit.edu/CIVENV/Ladd](http://web.mit.edu/CIVENV/Ladd), or contact Alise Kalemkarian at 617/253-9734.

## 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**.

### 2001

#### SEPTEMBER

4-6. ERES 2001, Malaga, Spain. Info: [www.wessex.ac.uk/conferences/2001/eres01/](http://www.wessex.ac.uk/conferences/2001/eres01/) (11/00)

9-12. Dam Safety 2001, Snowbird, UT. See page 4. (9/01)

12. CSMIP Seminar, Los Angeles, CA. See page 4. (9/01)

12. Steel Connection Seminar, Seattle, WA. Info: [www.steelstructures.com](http://www.steelstructures.com) (8/01)

13. Steel Connection Seminar, Portland, OR. Info: [www.steelstructures.com](http://www.steelstructures.com) (8/01)

16-19. Disaster Recovery Symposium, Orlando, FL. Info: [www.drj.com](http://www.drj.com) (7/01)

16-20. BOCA/ICBO Annual Conference, Info: [www.bocai.org](http://www.bocai.org) (8/01)

17-21. Disaster Management Workshop, Madison, WI. See page 4. (9/01)

24. Steel Connection Seminar, Buena Park, CA. Info: [www.steelstructures.com](http://www.steelstructures.com) (8/01)

25. Steel Connection Seminar, Burbank, CA. Info: [www.steelstructures.com](http://www.steelstructures.com) (8/01)

26. Steel Connection Seminar, South San Francisco, CA. Info: [www.steelstructures.com](http://www.steelstructures.com) (8/01)

26-29. SEAOC Annual Convention, San Diego, CA. Info: 619/521-8500. (5/01)

27. Steel Connection Seminar, Concord, CA. Info: [www.steelstructures.com](http://www.steelstructures.com) (8/01)

#### OCTOBER

2-5. International Seismic Seminar, Assisi, Italy. Info: [192.107.65.2/glis](mailto:192.107.65.2/glis) (5/01)

3-5. Modelling and Simulation in Civil Engineering, Paris, France. Info: [www.enpc.fr/caquot/](http://www.enpc.fr/caquot/) (9/00)

5-6. Symposium on Soil Behavior, Cambridge, MA. See page 6. (9/01)

7-10. SDEE'2001, Philadelphia, PA. Info: [www.drexel.edu/sdee2001](http://www.drexel.edu/sdee2001) (9/00)

7-11. Seismic Systems for Concrete Structures, Rome, Italy. Info: [www.ega.it/jbss5\\_2001](http://www.ega.it/jbss5_2001) (5/01)

21-24. WSSPC Annual Meeting, Sacramento, CA. Info: [www.wsspc.org](http://www.wsspc.org). See page 5. (5/01, 9/01)

27-28. Nonstructural Seismic Hazards Workshop, Portland, OR. Info: [tpetersen@do.usbr.gov](mailto:tpetersen@do.usbr.gov) (8/01)

#### NOVEMBER

13. IBC Seminar, Albany, NY. See page 4. (9/01)

14. IBC Seminar, Arlington, VA. See page 4. (9/01)

#### DECEMBER

4. IBC Seminar, San Luis Obispo, CA. See page 4. (9/01)

9-11. CTBUH International Conference, London, UK. Info: [www.ctbuh.org](http://www.ctbuh.org) (4/01)

### 2002

#### JANUARY

22-24. Urban Hazards Forum, New York, NY. See page 2. (9/01)

#### FEBRUARY

6-9. 2002 EERI Annual Meeting, Long Beach, CA. See page 1. (9/01)

### MARCH

17-21. Smart Structures and Materials, San Diego, CA. Info: [www.spie.org/info/ss](http://www.spie.org/info/ss) (7/01)

### APRIL

7-12. World Conference on Structural Control, Como, Italy. Info: [congress@icil64.cilea.it](mailto:congress@icil64.cilea.it) (7/01)

28-May 1. Seismic Conference on Highways and Bridges, Portland, OR. Info: [mceer@acsu.buffalo.edu](mailto:mceer@acsu.buffalo.edu) (7/01)

### JUNE

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

19-21. Risk Analysis 2002, Sintra, Portugal. See page 3. (9/01)

### JULY

21-25. 7th U.S. National Conference on Earthquake Engineering (7NCEE), Boston, MA. Info: [www.eeri.org](http://www.eeri.org). See page 3. (9/99, 8/01, 9/01)

### SEPTEMBER

2-5. euodyn 2002, Munich, Germany. Info: [www.euodyn2002.de](http://www.euodyn2002.de) (8/01)

9-13. 12th European Conf. on Earthquake Engineering, London, UK. Info: [12ECE@ice.org.uk](mailto:12ECE@ice.org.uk) (9/00, 12/00)

### OCTOBER

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



## News of the Profession

### Structural Engineering Excellence Awards

Engineering Excellence Awards have been presented to three structural engineering firms (with many EERI members as employees) for innovation and creativity demonstrated in three San Francisco Bay Area landmark structures. The awards were presented recently by the Structural Engineers Association of Northern California (SEAONC) at its annual awards ceremony.

The first award went to Skidmore, Owings & Merrill, LLP, structural engineers for the new International Terminal of the San Francisco International Airport, a critically important structure designed to remain operational during the strongest earthquake likely to occur in 1,000 years.

The second award went to the structural engineering firm of Rutherford & Chekene for the seismic retrofit of the historic Hearst Memorial Mining Building on the UC Berkeley campus. The project required that the building be completely lifted from its foundation and replaced with a new foundation with seismic isolators. The third award went to the structural engineering firm, Tipping Mar + Associates, for the cost-effective seismic strengthening of the former I. Magnin retail building in downtown Oakland, using a concept that can be applied to other medium-sized steel-framed structures.

construction management, and related services.

Carter & Burgess was established in 1939 as a two-man partnership providing civil engineering and landscape architecture services, and has since grown into a full-service, multi-discipline consulting firm with more than 2,700 employees in 33 locations around the United States.

In contrast to the discipline-based structure of many consulting firms, Carter & Burgess is organized by market sectors. Their multidisciplinary teams of architects, engineers, planners, and program and construction management personnel serve a broad diversity of market sectors.

For more information, check the web site [www.c-b.com](http://www.c-b.com), or contact Prabodh Banavalkar in the company's Houston, Texas, office at 713/869-7900.

## Subscribing Member News

### Carter and Burgess

Carter and Burgess recently joined EERI as a Subscribing Member. The firm provides consulting services in planning, engineering, architecture,



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