



**EARTHQUAKE ENGINEERING
RESEARCH INSTITUTE
NEWSLETTER**

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News of the Institute

Honors Committee Seeks Member Input

The EERI Honors Committee would like to generate 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 Housner Medal and the Distinguished Lecturer Award. The committee also recommends Honorary Membership and the award for the Outstanding Paper from *Spectra*. These awards are presented at the Annual Meeting.

Send your nominations to the Honors Committee at the EERI office. Past recipients of the Housner Medal and honorary members are listed in the EERI roster.

News of the Institute

New Regional Chapter in Northern California

A new regional chapter of EERI has recently been formed in northern California. The first organizational meeting was held on May 30, 2001, at the City Center Marriott Hotel in Oakland. In addition to the chapter proposal and charter member signing ceremony, the agenda for the meeting included discussions of (1) the role of regional chapters in expanding the direction of EERI; (2) tools to manage seismic risk; and (3) advocating mitigation to the public: success stories and a few failures. Peter Yanev has agreed to oversee the new chapter. For more information on the chapter, contact him by phone: 925/254-2536, or e-mail: peter@yanev.com. Yanev will be contacting charter members in early July and will meet with them in July and August to complete the organization of the new chapter and to put together a business plan for one to three years. Those who were present at the meeting are encouraged to forward to him any relevant ideas.

Following the formation in January of a Southern California Chapter, this venture reflects EERI's new emphasis on regional chapter development across the country to stimulate membership growth, to allow for local interaction between members, and to enable members to be more effective in addressing issues of particular local concern. Members who are interested in starting a regional chapter are invited to contact Executive Director Susan Tubbesing at the EERI office.

Social and political interest in reducing disaster losses has probably never been higher. Voluntary seismic rehabilitation projects are increasing in number at an unprecedented pace. At the national level, the current administration has shown expanded interest by requesting greater spending for science and engineering, and Congress has created a new Natural Hazard Caucus. In California, the legislature has established a Select Committee on Seismic Safety and Preparedness, and legislators are considering tax incentives for seismic rehabilitation projects. The opportunity to get the earthquake community's concerns before the public, the politicians, and others who have the resources to reduce seismic risk has never been better. As the largest multidisciplinary earthquake society in the world, EERI is particularly well-positioned to get the ear of those in political power through members working together at the national, state, and local levels.

Following are the Northern California Chapter's charter members:

Thalia Anagnos, San Jose State University
William Andrews, Dasse Design, Inc.
Mehri Ansari, Ansari Structural Engineers
Chris Arnold, Building Systems Development
Fouad Bendimerad, Risk Mgmt. Solutions
David Bonneville, Degenkolb Engineers
David Bonowitz, Consulting Structural Eng.
Roger Borchardt, U.S. Geological Survey
James Buika, FEMA
Ted Canon, DeSimone Consulting Engineers
Anil Chopra, UC Berkeley
William Cole, Cotton, Shires & Associates
Mary Comerio, UC Berkeley
Jim Davis, California Div. of Mines & Geology

Kent Ferre, Pacific Gas & Electric Co.
Eduardo Fierro, Wiss, Janney, Elstner Assoc.
Sigmund Freeman, Wiss, Janney, Elstner
Yusof Ghanaat, Quest Structures
Ruth Gordon, Pegasus Engineering
Marjorie Greene, EERI
David Gwie, Rutherford & Chekene
Finn Halbo, Stanford Linear Accelerator Ctr.
Thomas Hanks, U.S. Geological Survey
Richard Harlan, Consulting Engineer
Ephraim Hirsch, E.G. Hirsch & Associates
William Holmes, Rutherford & Chekene

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National Earthquake
Hazards Reduction
Program

News of the Profession

FEMA-Approved Aid for Nisqually Earthquake Reaches \$92.9 Million

Federal and state agencies have approved \$92.9 million in aid to help Washington State residents and businesses in the aftermath of the February 2001 Nisqually earthquake. Following are highlights of the ongoing disaster response and recovery efforts since the Presidential disaster declaration on March 1.

a. Since the disaster declaration, \$39.7 million in aid has been approved for disaster rental assistance and minimal repair grants from the Federal Emergency Management Agency (FEMA).

b. Inspectors have completed 28,451 damage verifications in the declared counties.

c. The U.S. Small Business Administration has approved more than \$51 million in low-interest loans to homeowners, renters, and businesses of all sizes.

d. The Individual and Family Grant program has approved \$2.2 million for residents affected by the earthquake. These grants assist with serious disaster-related needs and necessary expenses not covered by insurance or other disaster programs.

e. The number of applications made for disaster assistance through FEMA's toll-free registration line totaled 33,079 at the close of business on May 31.

Publications

NEES-2 Workshop Report Available

The final report of the NSF-sponsored NEES-2 Workshop can now be downloaded from the web site nees.ucsd.edu. The NEES-2 Workshop, held on May 14 and 15, 2001, at the University of California, San Diego, brought more than 100 earthquake engineering researchers and practitioners together to discuss the NEES experimental research equipment and collaborative sites. The discussions focused in particular on the completion of the NEES experimental research equipment portfolio and on the shared use of equipment and collaborative sites.

The workshop deliberations resulted in the following three outcomes discussed in the report: (1) general goals for the second round of research equipment and collaborative site proposals and awards, (2) recommendations for the completion of the NEES Experimental Research Equipment Portfolio, and (3) strategies to maximize the shared use of NEES equipment and collaborative sites.

The workshop findings will provide guidance to the planned second phase NEESMRE program solicitation, proposals, and subsequent awards. Furthermore, issues raised as part of the NEES-2 Workshop should stimulate continued discussions within the broader earthquake engineering research and user community to develop NEES into a national resource for collaborative earthquake engineering research through shared-use facilities.

Call for Abstracts

National Seismic Conference on Bridges and Highways

The Third National Seismic Conference and Workshop on Bridges and Highways will be held April 28–May 1, 2002, in Portland, Oregon. The conference theme is “Advances in Engineering and Technology for the Seismic Safety of Bridges in the New Millennium.” Presentations will focus on the latest advancements in earthquake design and retrofit, and on new and innovative technologies — including the latest research and developments in earthquake engineering for bridges, highway systems, and components.

Abstracts are sought on the following topics: effects of near-field ground motions on bridges; displacement-based design; lessons learned from recent earthquakes (since 1998); design of major long-span bridges in areas of high or moderate seismicity; design strategies for bridges subject to large ground motions; seismic practices east of the Rockies; emerging seismic design and retrofit technologies for bridges, tunnels, and other structures; and seismic response modification devices.

One-page abstracts should be submitted by July 15, 2001, to: Third National Seismic Conference and Workshop on Bridges and Highways, c/o MCEER, University at Buffalo, Red Jacket Quadrangle, Buffalo, NY 14261-0052; phone 716/645-3391; fax: 716/645-3399; e-mail: mceer@acsu.buffalo.edu.

Authors should clearly indicate the topic under which their abstract is submitted. They will be notified of acceptance in September 2001. For more information, see the conference web site via the MCEER home page at <http://mceer.buffalo.edu>.

Northern California Chapter

continued from page 1

Thomas Holzer, U.S. Geological Survey
 James Horne, Degenkolb Engineers
 Blake Hoskisson, Degenkolb Engineers
 Ayhan Irfanoglu, Wiss, Janney, Elstner Assoc.
 Ghassem Khosrownia, U.S. Army Corps Eng.
 Jon Kiland, Dasse Design, Inc.
 Keith Knudsen, Cal. Div. of Mines & Geology
 Laurence Kornfield, City of San Francisco
 Peter Lee, Skidmore, Owings & Merrill LLP
 Dante Legaspi, Jr., Geomatrix Consultants
 R. Jay Love, Degenkolb Engineers
 Rene Luft, Simpson Gumpertz & Heger, Inc.
 Janiele Maffei, Degenkolb Engineers
 Joe Maffei, Rutherford & Chekene
 Ron Mayes, Simpson Gumpertz & Heger, Inc.
 Kurt McMullin, San Jose State University
 Matt Melcher, Lionakis Beaumont Design
 Andy Merovich, A.T. Merovich & Associates
 John Meyer, Simpson Gumpertz & Heger Inc.
 Ronald Middlebrook, Middlebrook + Louie

Kevin Moore, Degenkolb Engineers
 Guy Morrow, Risk Management Solutions
 Adrian Nacamuli, Degenkolb Engineers
 Niaz Nazir, EQE International, Inc.
 Donald Parker, Vallejo Fire Dept.
 Jeanne Perkins, Ass'n of Bay Area Govts.
 Cynthia Perry, Wiss, Janney, Elstner Assoc.
 Chris Poland, Degenkolb Engineers
 Lawrence Porter, Geocarte
 Xiaoxuan Qi, Middlebrook + Louie Engineers
 Charles Real, Cal. Div. of Mines & Geology
 Edward Rinne, Kleinfelder, Inc.
 Charles Scawthorn, EQE International, Inc.
 Anshel Schiff, Stanford University
 Daniel Shapiro, SOHA Engineers
 Roland Sharpe, Consulting Structural Eng.
 J.P. Singh, J.P. Singh & Associates
 Satinder Singh, SPS Engineers
 Pane Stojanovski, Risk Mgmt. Solutions, Inc.
 Joe Sutton, Dasse Design, Inc.

Frank Swan, Geomatrix Consultants
 Sam Swan, EQE International, Inc.
 Robert Sydnor, Cal. Div. of Mines & Geology
 Fred Tajirian, Seismic Isolation Eng., Inc.
 Nancy Tennebaum, Tennebaum-Manheim
 Steven Tipping, Tipping Mar & Associates
 L. Thomas Tobin, Tobin & Associates
 Jason Towle, Simpson Gumpertz & Heger
 Fred Turner, California Seismic Safety Com.
 Zan Turner, City & Co. of San Francisco
 Mason Walters, Forell/Elsesser Engineers
 Omar Waqfi, EQE International, Inc.
 Loring Wyllie, Jr., Degenkolb Engineers
 Peter Yanev, Founder EQE International, Inc.
 E.G. Zacher, H.J. Brunner Associates
 Masoud Zadeh, K2Technologies/Risk Eng.
 Zia Zafir, Kleinfelder, Inc.



First organizational meeting of the Northern California Chapter of EERI, May 30, 2001 (photo: Scawthorn)

Announcements

AISC Architects' Workshop

The American Institute of Steel Construction, Inc. (AISC) is offering an Architects' Workshop that can be given in any location throughout the country. This three-hour continuing education program for architects will demonstrate innovative developments in structural steel framing systems. "The Path to Greater Architectural Freedom with Today's Structural Steel" offers AIA accreditation, three learning units, and health, safety, and welfare credits. The workshop material has been written by architects and engineers with architects specifically in mind. Architects who attend the workshop will receive AISC's *Designing with Steel: A Guide for Architects*, a complete 300-page desk reference on structural steel, and a companion CD. The workshop topics include the qualities and advantages of structural steel, structural engineering concepts, architectural detailing with structural steel, and fire protection and steel coating systems. For more information, contact Steve Angell at 312/670-5420 or e-mail angell@aiscmail.com.

News of the Profession

Job Opportunities

Oregon Department of Geology, Portland, OR. Earthquake geotechnical specialist. The earthquake hazard reduction work for this position involves seismic ground response and liquefaction analyses, geophysics, computer skills, subsurface exploration (seismic refraction, drilling, cone penetration testing), report writing, and technology transfer. Contact: Geotech Recruitment, Oregon Department of Geology; 800 NE Oregon Street #28, Portland, OR 97232. Recruitment closes August 1.

News of the Institute

Summary Minutes of the February 7, 2001, Meeting of the Board of Directors

Preliminaries: President Chris Poland called the meeting to order at 8:50 a.m. Present were Past President Chris Arnold, Directors Sergio Alcocer, Thalia Anagnos, Svetlana Brzev, Mel Green, Paul Somerville, and Secretary/Treasurer Ron Mayes. Also present were Executive Director Susan Tubbesing and Administrative Assistant Juliane Lane. Director Dennis Mileti was not present. Poland welcomed new members, noting that it is a milestone for the Institute to have two international members on the Board.

Election of Officers: Somerville moved to re-elect Mayes as Secretary-Treasurer. The motion was seconded and passed unanimously. Arnold moved to elect Anagnos as Vice President. The motion was seconded and passed unanimously.

Review Committees, Goals, and Board Contact Assignments:

Regional Chapters – This new committee chaired by Phil Gould will be asked to review the current Guidelines for Regional Chapter Development and to suggest possible modifications. This committee will also be asked (1) to develop a policy that will set guidelines on how chapters and their members should speak publicly on behalf of the Institute, and (2) to consider where new chapters should be established and how best to form them in the next few months.

Technical Seminars – Multidisciplinary seminars are EERI's strong suit, and new seminars should be developed that build on this, but there should still be focused technical seminars from time to time. Sharon Wood and her committee should consider putting on a new seminar

after every special theme issue of *Spectra*.

Executive/Board Committees: The following EERI Board Committees were eliminated as separate committees, as the Executive Committee has assumed their functions: Budget and Financial Planning, Executive Director Evaluation, and Long-Range Planning.

Revenue and Expense Reports:

Mayes reviewed the Report of Revenue and Expense as of December 31, 2000. The combined balance sheet at that date shows the Institute's opening fund balance of \$213,405 increased by excess revenue over expenses of \$28,460. Excess revenue over expenses was the result of grant activity and concomitant overhead being greater than anticipated in 2000, as well as larger than anticipated on-site registration for the 6ICSZ. This resulted in a positive balance at the end of the year, in spite of significant losses associated with the late spring, annual meeting in the Midwest. EERI's total liabilities balance of \$359,965, combined with the total fund balance, equaled \$601,830. The Endowment Program's opening fund balance of \$799,621 decreased by \$91,179 for a balance of \$708,442. The Endowment Program's total liabilities of \$205,186, combined with the total fund balance, equaled \$913,628. All programs combined, including association, technical and endowment, totaled \$1,515,458.

The Investment Funds Report showed \$67,920 in the General Administrative Short-Term Fund, \$200,310 in the General Administrative Long-Term Fund, and \$708,443 in the Endowment Fund. The Innovation Prize Investment Fund totaled \$154,686. The Institute's interest-bearing checking account showed a balance of \$83,853. The combined invested funds in both General Administrative Funds totaled \$268,230.

The Grants Status Summary showed that of \$1,276,120 in active grants, \$680,678 had been expended as of December 31, 2000.

2001 Budget: Mayes presented the 2001 budget. It must accommodate a near doubling of office occupancy costs. In spite of an increase in regular and subscribing member dues, there will be a deficit. In order to reduce it, Mayes recommended not reprinting the current Publications Catalog in 2001, but, rather, updating it and putting it on the web site. The deficit projected for 2001 is \$20,000. The Board accepted the Treasurer's Report and the 2001 budget.

NEES Meeting: EERI would welcome a place in the final consortium design and has made a non-exclusive offer of the Institute's expertise in organizing meetings and workshops to the lead organizations.

Office Space: EERI's lease for another three years, beginning May 2001, will be renewed. Mayes, Tubbesing, and Financial Manager Hollenbeck will research other options for the future.

Consent Agenda: The Board reviewed and discussed the following agenda items:

Joint USGS/EERI LFE Workshop: Accepted.

Action items from December Board Meeting: Somerville followed up on developing a research web page on the web site and encouraging members to contribute to a dialogue on research needs in each area by way of an article in the *Newsletter*. Somerville will meet with web maven, Xena van de Walle, to work on details of a web-based bulletin board to allow discussion and interaction between members. Somerville will meet with his Research Policy Committee to discuss the *Newsletter* article and how input to the site should be reviewed.
TCLEE Liaison Report: Accepted.
COSMOS Liaison Report: Accepted.

Southern California Chapter and 2002 Annual Meeting: Accepted.
Friedman family MOU: Accepted.
"Future of EERI" White Paper: Accepted.

Certificate Program: Anagnos reported on the proposed EERI-sponsored Earthquake Engineering Certificate Program. A number of universities have these programs but none has one that is multidisciplinary and includes social science. She encouraged the Board to submit any input and information to her.

Old Business: Existing earthquake engineering organizations in other countries are not multidisciplinary, but they are members of IAEE. Should EERI establish regional chapters in countries where earthquakes have occurred? Chapters would have to have at least 20 members. Alcocer will discuss this issue with the current and incoming presidents of IAEE to get their reaction to EERI establishing multidisciplinary chapters in other countries.

New Business: The Board departed from the traditional agenda to engage in a focused discussion of two major issues related to the new Five-Year Plan, "Achieving Financial Independence" and "Providing Risk-Reduction Information Worldwide."

Achieving Financial Independence: Financial independence is viewed as achieving an endowment of \$10 million – to include adequate funds for special projects as well as operating costs. Funds at this level will come from foundations and individuals and corporate gifts. The Development Committee needs a budget to raise funds for the Institute above and beyond the endowment, and EERI will underwrite Marjorie Greene's time to pursue these opportunities. The Endowment Committee should identify \$100K in projects for the coming year as well as much larger projects for outside support. Alcocer moved that \$100K be transferred from

the Institute's General Fund to the Endowment Fund. The motion was seconded and passed unanimously.

Providing Risk-Reduction Information Worldwide: Alcocer will prepare a letter to go to international members asking about the ways in which EERI can establish partnerships with organizations in other countries to advance our vision and mission throughout the world.

Call for Abstracts

Smart Structures and Materials

The International Society for Optical Engineering is holding its 9th Annual Symposium on Smart Structures and Materials March 17-21, 2002, in San Diego, California. Part of the symposium will include a conference on Smart Systems for Bridges, Structures, and Highways, chaired by S.C. Liu of the National Science Foundation.

Smart materials and structures technology represents an emerging field of study that is finding many applications in support of civil infrastructure systems. This conference attempts to bring together experts in this emerging cross-disciplinary field to discuss recent advances. Papers are solicited in all areas that address analysis, development, performance, or application of smart materials and structures technology to civil infrastructure systems. Application areas of interest include buildings, bridges, highways, and other civil infrastructure systems.

Abstracts of approximately 250 words are due by August 20, 2001, and should be submitted via the conference web site at www.spie.org/info/ss. Additional information on the conference is also available on this web site.

Announcements

MS in Earthquake Engineering Risk Management

The Engineering Seismology and Earthquake Engineering Section of the Department of Civil and Environmental Engineering at the Imperial College of Science, Technology, and Medicine in London is offering a new Master of Science course in Earthquake Engineering Risk Management. The course is based on current concepts in hazard assessment, seismic design, and risk management. It builds on the international success and reputation of the MS program in Earthquake Engineering and Structural Dynamics run by Imperial College since 1987. The objectives of the course are to train high-quality engineers to be capable of dealing with earthquake risk assessment and mitigation problems from the earthquake source through to structural design, assessment, strengthening, insurance, and disaster management.

The course is designed to allow full-time attendance for 11 months, or part-time for two or three years. Also, individual modules may be attended by practicing engineers without registering for a degree. A limited number of scholarships are available for highly qualified candidates, and are granted on a competitive basis.

For more information, see the web site: www.esee.cv.ic.ac.uk/eerm/htm or contact the course director: A.S. Elnashai, Department of Civil and Environmental Engineering, Imperial College of Science, Technology, and Medicine, Imperial College Road, South Kensington, London, SW7 2AZ; phone: +44 (0)20 75946058; fax: +44 (0)20 72252716; e-mail: a.elnashai@ic.ac.uk.

Call for Papers

World Conference on Structural Control

The Third World Conference on Structural Control (3WCSC) will be held April 7-12, 2002, in Como, Italy. The objective of the conference is to bring together engineers, scientists, architects, builders, and other practitioners interested in the general areas of active, hybrid, and passive vibration control; health monitoring and damage detection; and intelligent and smart materials and systems. All these areas deal with buildings, bridges, space structures, and civil infrastructures under the action of dynamic environments and man-made loads.

Papers and presentations are solicited on application and research on topics relevant to the conference, including active and semi-active control devices, passive control devices, control algorithms for non-linear systems, modeling and identification of structural systems, sensors, health monitoring and damage detection, benchmark tests of buildings and bridges, innovative materials for structural control, applications to aerospace structures, applications to bridges, applications to critical structures, external dynamic force characteristics and controllability issues, implications of severe ground motion, wind forces, and codes for structural control.

Abstracts of 300 words or less should be submitted by July 31, 2001, by e-mail or postal mail to: 3WCSC Organizing Committee, c/o Nadia Tansini, A. Volta Cultural Center, Villa Olmo, Via Cantoni 1, 22100 Como, Italy; fax: +39-31-573395; e-mail: congress@icil64.cilea.it.

The abstract should include title, authors' affiliation and complete mailing address, and five keywords.

News of the Profession

Nominations Solicited for Alfred E. Alquist Award

Nominations are being solicited by the California Earthquake Safety Foundation for the Alfred E. Alquist Award for Achievements in Earthquake Safety to be awarded in the year 2002. This award recognizes individuals, organizations, or both that have made outstanding contributions to seismic safety in California. Awards are given in areas including basic and applied research, education, volunteer services, and program implementation.

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

A candidate may be nominated by another individual, a firm, or an agency. Letters describing a nominee's background and accomplishments should be sent to: California Earthquake Safety Foundation, c/o George Mader, Spangle Associates, 3240 Alpine Road, Portola Valley, CA 94028. Nominations must be postmarked no later than September 30.

The California Earthquake Safety Foundation was founded in 1985 with the specific purpose of promoting earthquake safety in California. It relies on tax deductible donations to support its activities. It is governed by a volunteer Board of Directors. For more information, please contact George Mader, Chairman, at phone 650/854-6001, fax 650/854-6070, or e-mail mader@spangleassociates.com.

Publications

Masonry Designers' Guide

The Masonry Society (TMS), with the support of the Council for Masonry Research, has finalized a substantial revision of the *Masonry Designers' Guide (MDG)*. The new edition is now available from TMS. Based on the 1999 version of the Masonry Standards Joint Committee (MSJC) *Code and Specification*, the third edition of the *MDG* has been updated, including the addition of design information on prestressed masonry, quality assurance information reflecting new provisions on masonry inspection, and information on adhered masonry construction.

The *MDG* has five major sections: Introduction, Materials and Testing, Construction, Design, and Example Problems. The example problems are a unique and important part of the *MDG*. Three different buildings are examined in detail: a single-story strip mall, a single-story gymnasium, and a four-story hotel with both unreinforced and reinforced wall options. Various options are examined for each of these buildings, including brick or block cavity walls, composite walls, reinforced and unreinforced walls, single-wythe hollow clay walls, and glass blocks. Various load combinations are used for each building. The example problems go through the complete design of each building from calculation of loads to designing for flexure, shear, axial, and out-of-plane loads. Other problems describe the design of shear walls, ties and reinforcement, roof and floor diaphragm connections, beams, lintels, columns, and pilasters.

For ordering information, contact TMS at 3970 Broadway, Suite 201-D, Boulder, CO 80304; phone: 303/939-9700; fax: 303/541-9215; e-mail: info@masonrysociety.org.

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 JULY

24-27. Seismic Risk in the Caribbean Region, Santiago, Dominican Republic. Info: codia.santiago@codotel.net.do (5/01)

AUGUST

6-10. International Conference on Disaster Management, Orlando, FL. See page 7. (7/01)

7-10. International Tsunami Symposium, Seattle, WA. Info: www.pmel.noaa.gov/its2001 (7/00)

12-17. SMIRT Conference, Washington, DC. Info: www.engr.ncsu.edu/SMIRT_16 (7/00)

16-19. International Conference on Engineering Materials, San Jose, CA. Info: mcmullin@email.sjsu.edu (3/00)

27-30. Disaster Recovery for Sustainability, Boulder, CO. Info: jacque.monday@colorado.edu (6/01)

29-31. IABSE Conference on Wooden Structures, Lahti, Finland. Info: www.iabse.ethz.ch (8/00)

SEPTEMBER

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

16-19. Disaster Recovery Symposium, Orlando, FL. See page 7. (7/01)

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

OCTOBER

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

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

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

7-11. Seismic Systems for Concrete Structures, Rome, Italy. Info: www.ega.it/jbss5_2001 (5/01)

21-24. WSSPC Annual Meeting, Sacramento, CA. Info: www.wsspc.org (5/01)

DECEMBER

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

2002 FEBRUARY

6-9. 2002 EERI Annual Meeting, Long Beach, CA.

MARCH

17-21. Smart Structures and Materials, San Diego, CA. See page 5. (7/01)

APRIL

7-12. World Conference on Structural Control, Como, Italy. See page 6. (7/01)

28-May 1. Seismic Conference on Highways and Bridges, Portland, OR. See page 2. (7/01)

JUNE

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

JULY

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

SEPTEMBER

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

OCTOBER

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

Announcements

Disaster Management Conference

The International Conference on Disaster Management will be held August 6-10, 2001, in Orlando, Florida. The conference will cover the whole spectrum of disaster types from terrorism to tornadoes. It is aimed at all types of responders, from hospital emergency room staff to law enforcement officials. There will be several sessions on earthquakes, including "The Seattle Earthquake: Proof That Mitigation Works," which is listed as one of the highlights of the conference. For more information, phone 850/906-9221, fax: 850/906-9228, or see the web site: www.disastermeeting.com.

Disaster Recovery Symposium

The Disaster Research Journal (DRJ) is sponsoring Fall World 2001, the 13th International Disaster Recovery Symposium and Exhibition, September 16-19, 2001, in Orlando, Florida. The event includes general sessions, workshops, breakout sessions, and classes that are geared towards contingency planners with various interests and levels of experience. For more information, contact DRJ by phone: 314/894-0276, fax: 314/894-7474 or see the web site: www.drj.com.

Publications

Report on Chamoli and Bhuj Earthquakes

A three-day workshop on "Recent Earthquakes of Chamoli and Bhuj" was held at the University of Roorkee, India, May 24-26, 2001. The workshop was organized by the Indian Society of Earthquake Technology and the Department of Earthquake Engineering, University of Roorkee. The purpose of the workshop was to provide an opportunity for scientists, engineers, and administrators to come together to discuss the instrumental information gathered and various field studies conducted during and after the Chamoli and Bhuj earthquakes. The goal was also to produce a comprehensive document about the two earthquakes to serve as a useful reference for researchers, planners and administrators.

The Proceedings Volume I of the workshop, containing 30 technical papers, was published prior to the workshop. The remaining technical papers, which were presented during the workshop, will be published in the Proceedings Volume II, which will be available shortly. The themes of the workshop included: Instrumental Information; Seismotectonic Implications; Impact on the Structured Environment; Impact on Socio-Economic Aspects; Landslides and Liquefaction Caused by the Earthquakes; Post-Earthquake Rehabilitation; and Other Post-Earthquake Studies.

Further information about the Proceedings Volumes I and II, the Abstract Volume, and other details pertaining to the workshop can be obtained from H.R. Wason, Organizing Secretary WORECAB, Department of Earthquake Engineering, University of Roorkee, Roorkee 247 667, India; phone (01332)

85556; fax : (01332) 76899; e-mail: wasonfeq@rurkiu.ernet.in.

Effect of the Bhuj Earthquake on Heritage Buildings

EERI member Edmund Booth, a London-based civil engineer specializing in seismic engineering, and Rabindra Vasavada, an Ahmadabad-based architect specializing in conservation, toured the earthquake affected region of Gujarat, India, during March 2001.

Their purpose was to study the effect of the January earthquake on the rich collection of princely palaces and other heritage buildings in the area, on behalf of the Indian National Trust for Arts and Cultural Heritage. An illustrated report of their findings has been published at www.booth-seismic.co.uk/Gujarat.



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