



EARTHQUAKE ENGINEERING RESEARCH INSTITUTE

Founded in 1948, EERI's mission is to reduce earthquake risk by (1) advancing the science and practice of earthquake engineering, (2) improving understanding of the impact of earthquakes on the physical, social, economic, political, and cultural environment, and (3) advocating comprehensive and realistic measures for reducing the harmful effects of earthquakes.

NEWS OF THE INSTITUTE

▶ 2015 Annual Meeting Focuses on Seismic Hazards Outside “Earthquake Country”

The 67th EERI Annual Meeting broke new ground from March 31–April 3, 2015, by convening in the Northeast for the first time in the Institute’s history. Over 500 attendees, including more than 200 students, came together in Boston, Massachusetts, for a full program of workshops, presentations, and the popular undergraduate seismic design competition.

From the first plenary session to the meeting’s final workshop, the program touched on the potential for large earthquakes in a city popularly considered outside “earthquake country.”

Great thanks are extended to the local organizing committee led by **Scott Civjan** (M. EERI, 1995) from the EERI New England Regional Chapter, which arranged for trainings, workshops, and local tours, and created a lively program featuring national and regional experts.

We also thank all the attendees who joined us in Boston. Slides from most of the Annual Meeting sessions will be posted on the [2015 Annual Meeting website](#) in the coming weeks.

[Read more on the 2015 Annual Meeting on the EERI website.](#)

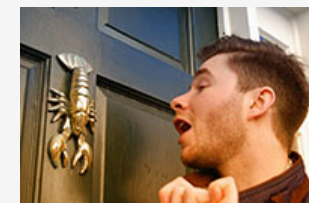
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▶ Lobster Photo Contest Winner

Throughout the Annual Meeting, attendees used [Clearinghouse Fieldnotes](#), a mobile reconnaissance data collection tool, to submit a photo of themselves and a lobster as part of the 2nd annual EERI photo contest. Congratulations to Marius Lupou for his award-winning lobster photo!

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▶ Post-Earthquake Reconnaissance Workshop

Over 60 students and professionals attended the Post-Earthquake Reconnaissance Workshop on the last day of the 2015 Annual Meeting. The workshop, hosted by the Student Leadership Council, taught students how to conduct earthquake reconnaissance in the fields of structural, geotechnical, and bridge engineering. Students and professionals, working in teams, engaged in a highly successful interactive field exercise to record observations of mock damage to different sites in Boston. EERI is developing a materials package for groups that would like to host a similar workshop. Student or regional chapters interested should contact Maggie Ortiz at maggie@eeri.org

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▶ 2015-2016 EERI/FEMA Graduate Fellowship in Earthquake Hazard Reduction

EERI is pleased to announce the availability of a Graduate Fellowship for the 2015-2016 academic year to support one full-time student in a discipline contributing to the science and practice of earthquake hazard mitigation.

The one-year fellowship, underwritten with funds provided by the [Federal Emergency Management Agency](#), is designed to foster the participation of capable individuals in working toward goals and activities of the National Earthquake Hazards Reduction Program.



Award

The EERI/FEMA NEHRP fellowship provides a nine-month stipend of \$12,000 with an additional \$8,000 for tuition, fees, and research expenses.

Criteria

Applicants must be enrolled in a graduate degree program at an accredited U.S. college or university and must hold U.S. citizenship or permanent resident status. All applications must include an academic transcript and a statement of educational and career goals.

All application materials must be submitted electronically to EERI, including a letter of nomination from a faculty sponsor at the student's institution and two additional reference letters. Letters should evaluate the applicant's recent academic performance, document the applicant's research accomplishments, and assess the candidate's potential to contribute to the field.

Application

Candidates may apply online at <https://eeri.org/cohost/registration/fema-grad-fellowship>. Deadline for submission of all application materials is **May 29, 2015**. Announcement of the award will be made on July 1, 2015.

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ANNOUNCEMENTS

▶ Session on Older Concrete Buildings at 2015 Structures Congress

Structures Congress 2015 in Portland, Oregon, will feature a session on *Assessing Risk, Developing Strategies, and Improving Understanding of Older Concrete Buildings* on Friday, **April 24, 2015**, from 8:30–10:00 am. The session, organized by Scott Adan, will include a summary of Concrete Coalition inventory work in California (David Bonowitz), presentation on the development of a collapse indicator methodology for existing reinforced concrete buildings (Peter Somers), and an update on current ordinances related to non-ductile concrete buildings in Southern California (Scott Adan).

[More information about the session is available on the Structures Congress website](#)

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▶ Call for Papers: 10th Pacific Conference on Earthquake Engineering

EERI Members are invited to submit abstracts and attend the 10th Pacific Conference on Earthquake Engineering, co-hosted by the Australian Earthquake Engineering Society and the New Zealand Society of Earthquake Engineering, in Sydney, Australia, from November 6-8, 2015. Abstract submissions are due by **May 8, 2015**.

Information on how to submit an abstract, register for the conference, and download the [conference brochure](#) is available on the Australian Earthquake Engineering Society website:

<http://www.aees.org.au/10pcee/>

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▶ ATC Webinar on FEMA E-74

The Applied Technology Council (ATC) will present a webinar on Reducing Risks of Nonstructural Earthquake Damage – A Practical Guide (FEMA E-74) on Wednesday, **April 29, 2015**, 12:00–1:30 pm Pacific time. Registration is free, but limited to 1,000 site registrants. More information on the webinar content, purpose, and intended audience with registration information is available on the [ATC events page](#)

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▶ USGS Seeks Proposals for Earthquake Science

The U.S. Geological Survey expects to award up to \$7 million in grants for earthquake hazards research in 2016.

[Read full technical announcement](#)



"The USGS Earthquake Hazards Program annually provides grants to support research targeted toward improving our understanding of earthquake processes, hazards and risks," said Bill Leith, USGS Senior Science Advisor for Earthquake and Geologic Hazards. "We seek cutting-edge proposals that will further our efforts to reduce losses from earthquakes, provide more accurate and timely earthquake information and forecasts and better inform the public about earthquake safety."

Interested researchers can apply online at [GRANTS.GOV](#) under funding opportunity number G15AS00037. Applications are due **May 19, 2015**.

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PUBLICATIONS

▶ Earthquake Spectra: Preprint Manuscripts

Two preprint manuscripts have been posted to the *Earthquake Spectra* website prior to formal publication. The papers to be published are:



"Vertical Ground Motion Model for PGA, PGV, and Linear Response Spectra Using the NGA-West2 Database" by **Yousef Bozorgnia** (M. EERI, 1986) and **Kenneth W. Campbell** (M. EERI, 1975)

"An analytical modeling framework for primary lateral load-resisting unreinforced masonry walls" by Andrew P. O'Donnell, Yahya C. Kurama and Alexandros A. Taflanidis

To read all current preprint manuscripts posted, visit [Earthquake Spectra preprints](#).

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OPPORTUNITIES FOR STUDENTS

► Masters in Structural Analysis of Monuments and Historical Constructions: Scholarships Available

Applications for the Advanced Masters in Structural Analysis of Monuments and Historical Constructions, approved by the European Commission within the framework of the Erasmus Mundus Programme, are being accepted with a deadline of **May 20, 2015**.

This Master Course is organized by a consortium of leading European universities and research institutions in the field, composed by University of Minho (coordinating institution, Portugal), the Technical University of Catalonia (Spain), the Czech Technical University in Prague (Czech Republic), the University of Padua (Italy), and the Institute of Theoretical and Applied Mechanics of the Czech Academy of Sciences (Czech Republic). The course combines the most recent advances in research and development with practical applications.

A significant number of scholarships, ranging from 4,000 to 13,000 Euro, are available to students of any nationality.

Full details on the MSc programme and application process are available at <http://www.msc-sahc.org/>

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► MSc Risk and Emergency Management and MSc Earthquake Engineering and Engineering Seismology: Applications Open

Applications are currently open for 2015/16 terms in the following programs in Pavia, Italy, with a deadline of **May 18, 2015**. A number of scholarships and/or tuition waivers are available for the highest-ranking applicants.

Master in Risk and Emergency Management (REM): The REM Master Program is being offered by the Understanding and Managing Extremes (UME) Graduate School of IUSS Pavia, jointly awarded with the University of Pavia. The interdisciplinary curriculum includes topics of statistics and probability, law, economics, resource management, natural hazards and risk, finance, insurance, sociology, communication, psychology, public health and medicine. Renowned lecturers from around the world make up the teaching body. For details and the online application procedure, visit <http://www.umeschool.it/rem>

Application start page: https://myiuss.unipv.it/iscrizioni_master.php?id=28

Master in Earthquake Engineering and Engineering Seismology (ROSE): The ROSE master degree is jointly awarded by IUSS Pavia and the University of Pavia. During the 18-month MSc programme students will acquire the ability to design, execute and evaluate assessment of seismic hazard for site-specific engineering projects as well as to undertake seismic design of new structures and assessment and strengthening of existing structures. For details and the online application procedure, visit www.roseschool.it

Application start page: https://myiuss.unipv.it/iscrizioni_master.php?id=29

MEMBER SPOTLIGHT

► Welcome New EERI Members

EERI welcomes the members who have recently joined the Institute. If you wish to connect with your fellow members, you can locate their contact information in the [EERI online membership directory](#), which requires logging in to the Member Resources Area of the EERI website.

REGULAR MEMBERS

Kyle Burnham, Swinerton Builders, *Contractor*
Gary Cavafian, AECOM Technology, *Structural*
Davene Daley, Karen Clark & Co, *Risk Analysis*
Jason Dejong, University of California Davis, *Geotechnical*
Itsuki Kawakubo, Swiss Re International SE, *Risk Analysis*
Hubert Law, Earth Mechanics Inc, *Geotechnical*

STUDENT MEMBERS

Surendra Baniya, University of Connecticut, *Structural*
Jannelle Carty, University of California San Diego, *Structural*
Vinay Damodaran, University of Michigan, *Structural*
Jack Guo, University of Toronto, *Civil*
Ahmad Hassani, *Geotechnical*
Kyung Ran Hwang, Korea University, *Structural*
Gi Hyun Jeong, Korea University, *Structural*
Albert Limantono, University of Texas - Austin, *Structural*
Islam Mantawy, University of Nevada-Reno, *Structural*
Soukaina Meziane, *Civil*
Caglar Ozer, Dokuz Eylul Universtesi, *Geophysicist*
Roger Paredes, Rice University, *Civil*
Christopher Porst, MIT, *Structural*
Nivetha Sathees, *Structural*
Rahil Shrivastava, University of California Irvine, *Structural*
Sanputt Simasathien, University of Texas - Arlington, *Structural*
Adrian Tola, Virginia Tech, *Structural*
Erkan Yilar, Tufts University, *Geotechnical*
Honglei Zhang, University of Southern California, *Civil*

YOUNG PROFESSIONAL MEMBERS

Kermit Applegate, CDM Smith, *Geotechnical*
Sean Lee, *Structural*

AFFILIATE MEMBERS

Govardhan Bhat, National Institute of Technology Raipur, *Civil*

E-AFFILIATE MEMBERS

Rene Cisternas-Castillo, Collahuasi Mining Co.

Ray Andrew Molano, Dept of Public Works & Highways, *Civil*

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25 WAYS TO GET INVOLVED

▶ Get Involved with EERI

Looking to be more involved with EERI? We've come up with a list of opportunities for members. Each edition of *The Pulse* will highlight a way to do more.

[Download the 25 Ways flyer](#)  (PDF)



#14: Organize a local training activity for your regional chapter, student chapter, or others to practice EERI mobile reconnaissance tools.

Learn more about [post-earthquake mobile reconnaissance tools](#) and contact Maggie Ortiz at maggie@eeri.org to find out how to bring a training activity to your chapter.

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CALENDAR

Follow these steps to add EERI Calendar to your own Google calendar.

1. Open [Google Calendar](#)
2. On the left, above "My Calendars," click Add + and then **From URL**.
3. Enter the EERI calendar's address in the field provided. EERI Calendar ics link
https://calendar.google.com/calendar/ical/eeri.org_s9151tit0ab26dnf2epn25d7rg%40group.calendar.google.com/public/basic.ics
4. Click **Add Calendar**. The calendar will appear on the left side under "Other calendars."

Tuesday, October 29, 2019 - October 30

APGCE

The Asia Petroleum Geoscience Conference & Exhibition (APGCE)

29 – 30 October 2019

KUALA LUMPUR CONVENTION CENTRE, MALAYSIA

[REGISTER](#)

Monday, December 09, 2019 - December 13

AGU 2019 Fall Meeting

9-13 December 2019 San Francisco, California

Tuesday, March 03, 2020 - March 06

EERI 2020 Annual Meeting/Natl EQ Conference

National Earthquake Conference & 72nd EERI Annual Meeting

March 3 - 6, 2020

Sheraton San Diego Hotel & Marina

San Diego, California

[website](#)

Wednesday, March 04, 2020 - March 06

2020 RBDCC

5th Residential Building Design & Construction Conference (RBDCC)

Hosted by The Pennsylvania Housing Research Center

March 4-6, 2020

Penn Stater Conference Center

State College, PA.

[website](#)

Monday, April 27, 2020 - April 30

SSA 2020 Annual Meeting

SSA 2020 Annual Meeting

27-30 April 2020 — Albuquerque, New Mexico

The 2020 Annual Meeting will be held in Albuquerque, New Mexico.

[Check back later for more information.](#)

Monday, September 14, 2020 - September 18

17th WCEE

The 17th WCEE will be hosted in Sendai, Japan, from September 14th to 18th 2020. Check <http://www.iaee.or.jp/> for more information.



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