



## 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.

### MEMBER SPOTLIGHT

#### ▶ Haruo Hayashi Recipient of Prime Minister's 2013 Award

**Haruo Hayashi** (M. EERI, 1997) was a recipient of the "Prime Minister's Commendation to Contributors for Disaster Prevention for FY2013" in September 2013. This high-level recognition is in acknowledgement of Dr. Hayashi's intellectual and professional leadership in disaster management science.

Dr. Hayashi's research on disaster management is widely published. The general focus of his work is on societal and human reactions to disasters, risk communication and education, information systems in disaster management, standardization of emergency operations, and multi-hazard risk assessment.

A long-time member of EERI, Dr. Hayashi has served as organizer of an ongoing series of joint international workshops on earthquake and other urban disaster reduction issues. Hayashi has received international recognition for the relevance of his work to the challenge of building more resilient societies around the globe.

Dr. Hayashi holds the position of Professor at the Kyoto University Graduate School of Informatics. He also belongs to the Research Center for Disaster Reduction Systems (DRS) at [Kyoto University's Disaster Prevention Research Institute \(DPRI\)](#)  where he has taught since 1994. He received both his bachelor's and master's degrees from Waseda University, and Ph.D. from the University of California at Los Angeles.



[Share this article](#)

[Back to top >](#)

### NEWS OF THE INSTITUTE

#### ▶ Visit the EERI Booth at the AGU Fall Meeting

Join us at the **EERI booth** (space 741) at this year's AGU Fall Meeting at the Moscone Center (Hall D) in San Francisco, California, December 10-13, 2013.



The Institute invites EERI members who will attend the 2013 AGU Fall Meeting to stop by the EERI booth and connect with old and new colleagues. The EERI booth will feature a game, best-selling monographs, special and themed issues of *Earthquake Spectra*, and other resources. EERI staff will be on hand to provide meeting participants with information about the Institute.

The EERI booth is open: *Tuesday to Thursday, Dec. 10-12, 9:30 a.m. – 6:00 p.m.*; and *Friday, Dec. 13, 9:30 a.m. – 1:30 p.m.*

[Share this article](#)

### ▶ 10NCEE Updates: Papers, Student Activities, and Registration Info

The Tenth U.S. National Conference on Earthquake Engineering (10NCEE)  program committee has received nearly 800 papers from potential authors and presenters. Authors will receive review comments and confirmation of acceptance of their papers by February 1, 2014. Final revised papers will be due by March 15, 2014. Final submission of the paper must be accompanied by payment of the full conference registration fee for the presenting author.

The Student Leadership Committee (SLC) is proud to announce that 38 undergraduate-university teams have pre-registered for  10NCEE website the 2014 Undergraduate Seismic Design Competition, which sets a new record. For more information about official rules and other guidelines, visit <http://slc.eeri.org/SDC2014.htm> .

Conference registration for 10NCEE will begin in early 2014. As the new year approaches, visit the 10NCEE website for the latest updates at <http://10ncee.org/> .

[Share this article](#)

[Back to top >](#)

## PARTNER SPOTLIGHT

### ▶ NEES at UC San Diego Wins Popular Science Award

The biggest outdoor shake table in the world has received a Best of What's New award from *Popular Science*, the world's largest science and technology magazine. The project is featured in the magazine's December issue, now on newsstands.



The Large High-Performance Outdoor Shake Table can handle structures weighing up to 2,200 tons without height restrictions. The table's powerful hydraulic actuators can move at up to 6 feet per second, creating realistic simulations of the most devastating earthquakes ever recorded.

UC San Diego's shake table, housed at the Englekirk Structural Engineering Center in Scripps Ranch, California, has been used to test everything from wind turbines to masonry, wood-frame and precast concrete buildings, as well as non-structural building elements such as stairs, elevators and even hospital equipment.

The table is part of the [George E. Brown Jr. Network for Earthquake Engineering Simulation](#) , or NEES, an initiative funded by the National Science Foundation and led by Purdue University. NEES has 14 such earthquake simulation sites across the country.

"The NEES-UCSD shake table is a unique and very important tool for knowledge discovery in earthquake hazard mitigation," said **Joel Conte**, a structural engineering professor at the Jacobs School of Engineering at UC San Diego and one of the co-principal investigators for the shake table.

The 25-by-40-foot table is the largest in the United States and is used by researchers from around the nation.

"The research findings will have a profound impact on the seismic resilience of the built environment worldwide," said **José Restrepo** (M. EERI, 1997), also a UC San Diego professor in the Department of Structural Engineering and co-PI.

For the more information about the award, visit the [NEES website](#) .

 [Share this article](#)

[Back to top >](#)

## PUBLICATIONS

### ▶ Earthquake Spectra: Preprint Manuscripts

Preprint manuscripts are posted on the *Earthquake Spectra* website prior to their formal publication. The list of new preprint manuscripts, including authors, follows:

- "Seismic Site Factors and Design Response Spectra Based on Conditions in Charleston, South Carolina" by **Shimelies A. Aboye, Ronald D. Andrus** (M. EERI, 1989), **Nadarajah Ravichandran, Ariful H. Bhuiyan**, and **Nicholas Harman**
- "Effect of Ground Motion Characteristics on Seismic Soil-Foundation-Structure Interaction" by **Majid Ghayoomi** and **Shideh Dashti** (M. EERI, 2009)

**EARTHQUAKE  
SPECTRA**

To read the preprint manuscripts or browse the complete list of preprint manuscripts since its inception this summer, visit the *Earthquake Spectra* website at <http://earthquakespectra.org/toc/eqsa/0/0>.

 [Share this article](#)

[Back to top >](#)

## ANNOUNCEMENTS

### ▶ Renew Your EERI Membership for 2014

In late November, all EERI members (except student and honorary members) were sent via email the second membership renewal notice for 2014. The personalized email message provided a link to their personal renewal page showing contact information with options for selecting chapter membership and making a voluntary contribution to the EERI Endowment Fund.

If you did not receive this message, please e-mail Membership Coordinator Juliane Lane at [juliane@eeri.org](mailto:juliane@eeri.org), and she will resend the message with your personal link.

In addition, a paper renewal notice was also sent to EERI members (except student and honorary members) via postal mail in mid November.

**We hope you will continue to support EERI and renew your membership for 2014.**

*Together, we can reduce earthquake risk for our communities.*

[Share this article](#)

### ▶ Remember EERI Before the Tax Year Ends

This December, reduce your April tax burden by making a donation to the **EERI Endowment Fund**. The generosity of EERI members has allowed the Institute to create many valuable programs since the Endowment's inception in 1994. Your gift will enable EERI to build on this substantial foundation by supporting innovative projects, independent of government funding, which will advance the field of earthquake engineering as well as benefit you, our members.

You may choose to donate to one of EERI's many important programs, like Learning from Earthquakes or the World Housing Encyclopedia, or to the general endowment to support exciting new initiatives in the new year.

*The 2014 dues statement (renewal notice) has a line to make a donation.*

*To donate online, click on the "Donate" button on the top right of the [www.eeri.org](http://www.eeri.org) homepage.*

Under the Pension Protection Act of 2006, members aged 70.5 years and older may make donations from IRAs without claiming the distributions as income. Please consider discussing this opportunity to support the EERI Endowment with your tax advisor.

[Share this article](#)

[Back to top >](#)



## 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](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

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.

---



**Earthquake Engineering Research Institute**

499 14th Street, Suite 220, Oakland, CA 94612-1934 USA

phone: 510-451-0905 | fax: 510-451-5411 | email: [eeri@eeri.org](mailto:eeri@eeri.org) | website: [www.eeri.org](http://www.eeri.org)

Copyright © 2019 EERI. All Rights Reserved.

