

15th U.S.-Japan Workshop on the Improvement of Structural Engineering and Resiliency

Island of Hawaii • December 3 – 5, 2014

CALL FOR ABSTRACTS AND REGISTRATION INFORMATION

Purpose. The Workshop will develop policy recommendations for improved community resilience based on the current state-of-practice, innovative engineering solutions, and new and emerging technologies. A special focus of the Workshop will be on the means to build resiliency, reduce economic losses, and speed recovery and reconstruction following typhoons or hurricanes, earthquakes, and other natural disasters

Workshop Program. The Workshop program has been designed for practicing engineers, researchers, planners, policy makers, and other risk reduction specialists. The format will include technical presentations, panel discussions, and policy-development discussions. Technical sessions are planned on the following topics:

- ◆ Risk identification and reduction: building rating systems and retrofit ordinances
- ◆ Performance-based engineering: new and emerging concepts
- ◆ Multi-hazard resiliency modeling and resiliency-based design
- ◆ Reconstruction and recovery processes: economic impacts, functionality, and infrastructure improvements
- ◆ Humanitarian engineering: the role of engineering and technology in less-developed communities

Past Workshops in this Series. This Workshop is the 15th in a series started in 1984 and repeated every two-to-three years. Previous workshops have been held in California (San Diego and San Francisco), Hawaii (Honolulu, Kauai, Kona, Kohala Coast, and Maui), Japan (Kobe and Tokyo), and Victoria, British Columbia.

Abstract Submittal. Persons interested in presenting a paper on a session topic should submit an abstract, no more than 250 words, to the Applied Technology Council, by **October 31, 2014**. Selected presenters will be notified by **November 7, 2014** and must submit a 1-to-3 page extended abstract for improving resiliency by **November 24, 2014**. Presenters may also submit a technical paper or a white paper, up to 8 pages in length, for publication in the Workshop Report, due **December 31, 2014**. The official language of the Workshop is English.

Abstracts and Papers should be submitted to the Applied Technology Council, 201 Redwood Shores Parkway, Suite 240, Redwood City, California 94065 (e-mail, atc@ATCouncil.org; fax, (650) 593-2320).

Workshop Report. The Workshop Report, to be published after the Workshop, will summarize the Workshop findings and policy recommendations and include the extended abstracts and papers.

Workshop Dates and Location.

December 3 – 5, 2014
Fairmont Orchid Hotel
1 N. Kaniku Dr., Kohala Coast
Island of Hawaii
Phone: (800) 845-9905
<http://www.fairmont.com/orchid-hawaii/>

Workshop Registration. The Workshop registration fee is US\$575 (\$550 for ATC Subscribers) and includes Workshop handouts, two luncheons, two dinners, and coffee breaks. A late fee of US\$50 will be imposed on registrations received after **November 26, 2014**. Persons interested in registering for the Workshop should register on-line at www.ATCouncil.org, or complete, detach, and submit the Workshop Registration Form to ATC.



15TH U.S.-JAPAN WORKSHOP REGISTRATION FORM

ATC

NAME(S) _____

ORGANIZATION _____

ADDRESS _____

CITY/STATE/ZIP CODE _____

BUSINESS PHONE AND FAX NUMBERS _____

E-MAIL: _____

Please enroll me as an ATC Subscriber (\$35 per year, Individual rate) \$ _____
Workshop Registration Fee: \$575 per registrant (\$550 for ATC Subscribers) \$ _____
Late Registration Fee: add \$50 per registrant (if received after November 26, 2014) \$ _____
TOTAL ENCLOSED: \$ _____

Payment may be made by check or credit card (MasterCard, VISA, or Discover). If paying by credit card, please provide the following: Card Number: _____ Exp: _____ / _____ Security Code: _____

Cardholder's Signature: _____

Checks should be made payable to ATC. Please submit your completed form with the appropriate payment to: ATC, 201 Redwood Shores Pkwy, # 240, Redwood City, CA 94065 (FAX (650) 593-2320 / E-mail: ATC@ATCouncil.org)

PRELIMINARY WORKSHOP AGENDA

Wednesday, December 3, 2014

- 8:00 – 8:45 am: Registration
8:45 – 9:00 am: Opening Remarks

Session 1: Risk Identification and Reduction: Building Rating Systems and Retrofit Ordinances

- 9:00 – 10:00 am: *Oral Presentations*
10:00 – 11:00 am: *Panel/Group Discussions*
11:00 – 11:30 am: *Development of Policy
Recommendations*
11:30 am – 12:30 pm: *Lunch*

Session 2: Performance-Based Engineering: New and Emerging Concepts

- 12:30 – 1:30 pm: *Oral Presentations*
1:30 – 2:30 pm: *Panel/Group Discussions*
2:30 – 3:00 pm: *Development of Policy
Recommendations*
7:00 – 9:00 pm: *Dinner Event*

Thursday, December 4, 2014

Session 3: Multi-Hazard Resiliency Modeling and Resiliency-Based Design

- 9:00 – 10:00 am: *Oral Presentations*
10:00 – 11:00 am: *Panel/Group Discussions*
11:00 – 11:30 am: *Development of Policy
Recommendations*
11:30 am – 12:30 pm: *Lunch*

Session 4: Reconstruction and Recovery Processes: Economic Impacts, Functionality, and Infrastructure Improvements

- 12:30 – 1:30 pm: *Oral Presentations*
1:30 – 2:30 pm: *Panel/Group Discussions*
2:30 – 3:00 pm: *Development of Policy
Recommendations*
7:00 – 9:00 pm: *Dinner Event*

Friday, December 5, 2014

Session 5: Humanitarian Engineering: The Role of Engineering and Technology in Less-Developed Communities

- 8:30 – 9:30 am: *Oral Presentations*
9:30 – 10:30 am: *Panel/Group Discussions*
10:30 – 11:00 am: *Development of Policy
Recommendations*

Session 6: Closing Session

- 11:00 am – Noon
▪ Workshop Summary & Wrap-Up
▪ Discussion on Potential Future Workshops
(Dates, Location, Agenda)

HOTEL RESERVATIONS

Hotel Reservations. A block of guest rooms is being held at the Fairmont Orchid Hotel at a rate of \$189 per night (plus tax), inclusive of resort fees, for single or double occupancy. Room upgrades are available for an additional fee. For reservations, contact the Fairmont Orchid Hotel (1-808-885-2000) and reference the “Applied Technology Council” room block. A reservation form can also be downloaded from ATC’s website (www.ATCCouncil.org/events) and faxed to the hotel.



STEERING COMMITTEE

Kit Miyamoto and Christopher Rojahn, Co-Chairs;
Leighton Cochran, Juan Carlos Esquivel, Curt
Haselton, Jon Heintz, Sabine Kast, Abbie Liel,
Richard McCarthy, Jim Rossberg, and Peter Yanev

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RESILIENCY

Sponsored by the

ATC Applied Technology Council

and the



**Japan Structural Consultants
Association**

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Kohala Coast, Island of Hawaii

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