



# IISEE Newsletter



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International Institute of Seismology and Earthquake Engineering BRI Japan

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## Closing Ceremony of 1<sup>st</sup> Latin American Earthquake Engineering Course -San Salvador, El Salvador-

*By Dr. Toshiaki Yokoi, Director of IISEE*

I have participated in the closing ceremony of the Latin America Earthquake Engineering Course held on July 31 at the hall "Salón El Espino" of the University of El Salvador that locates in the capital of Republic of El Salvador, San Salvador, where we welcomed the distinguished guests: Prof. Francisco Alarcón, Dean of the Faculty of Architecture and Engineering, University of El Salvador, Prof. Carlos Rivas, Vice-rector of University of Centro America "José Simeón Cañas", Mr. Shinji Sato, Representative of JICA El Salvador. Prof. Edgar Peña, Director of Civil Engineering Department, Faculty of Engineering and Architecture, University of El Salvador (2004-2005 Earthquake Engineering Course) took the responsibility of the master of ceremony.

It was a happy and heartwarming time with the fourteen participants who have fully attended from June 5, and eleven more persons who partly attended in the city of San Salvador from July 21.



The Closing Ceremony of the 1st Latin American Earthquake Engineering Course at San Salvador, El Salvador

The trip was physically hard for me due to the tight schedule. However, I obtained unforgettable memory by the nice ceremony and also by the visit to "TAISHIN project"(\*1) sites and to the world heritage "Joya de Cerén", where we could observe an ancient technique of wattle and daub walls. I would like to express my sincere thanks to all who helped me there.

I hope every participants of the course got satisfied

and will try to disseminate their learnings and experiences in their own countries.

(\*1)JICA's technical cooperation for "Improvement of the Earthquake-Resistant Housing Construction Technology" from 2003 to 2012.

## Earthquakes

The 2011 off the Pacific coast of Tohoku Earthquake

Reports of Recent Earthquakes

Utsu Catalog

Earthquake Catalog

## Call for Papers

IISEE Bulletin is now accepting submissions of papers for the seismology, earthquake engineering, and tsunami. Developing countries are targeted, but are not limited.

Your original papers will be reviewed by the editorial members and some experts.

NO submission fee is need.

Try to challenge!!



# Structural Experiments in El Salvador -The Oversea Program in 1<sup>st</sup> Latin American Earthquake Engineering Course-

*By Mr. Mizuo Inukai, IISEE Chief Research Engineer*

At the latter 2 weeks of the first Latin American Earthquake Engineering Course, the oversea program in El Salvador was executed. I would like to report it to you here. The venues of it were the University of El Salvador (UES) and "José Simeón Cañas" Central American University (UCA) located in San Salvador, El Salvador.

It was held from 21 July to 31 July. The lectures are mainly composed of the



Photo 1: Preparation of loading to the large scale wall specimen confined concrete brick masonry (white part in right side) in the UCA laboratory

participation in the structural experiments whose specimens are produced by the materials used in El Salvador. All participants were given these lectures by the professors in UES and in UCA in order to learn the progress of the collapse by the assumed earthquake loads of a part of building structures like the confined concrete brick masonry walls. These structural experiments are based on the research results and the facilities in Projects by the Japan International Cooperation Agency (JICA) for El Salvador from 2003 to 2012, named as "TAISHIN Project," and the large scale specimens, materials test pieces are designated and loaded by

the high level technology of professors and facilities in UES and in UCA before they are collapsed appropriately.

Photo 1 shows the preparation of loading to the large scale wall specimen confined concrete brick masonry in a UCA laboratory. All participants were dealing with these experiments much carefully and the questions or discussions were very fruitful.

Photo 2 shows the preparation of loading to the wall specimen confined concrete brick masonry in a UES laboratory. In this experiment, the participants helped to attach the displacement transducers, and dealt with the automatic measuring or the crack sketching actively.

After the tests, the summary of test results was presented by professors, and the building codes for confined masonry structures in each country were also presented generally by participants to exchange the latest technical information.



Photo 2: Preparation of loading to the wall specimen confined concrete brick masonry in the UES laboratory

Moreover, the study trips were executed with the cooperation of JICA El Salvador Office to see the 1st storey model houses constructed during "TAISHIN Project" in El Salvador.



Enjoy, Now

## Contact Us

The IISEE Newsletter is intended to act as a go-between for IISEE and ex-participants.

We encourage you to contribute a report and an article to this newsletter. Please let us know your current activities in your countries.

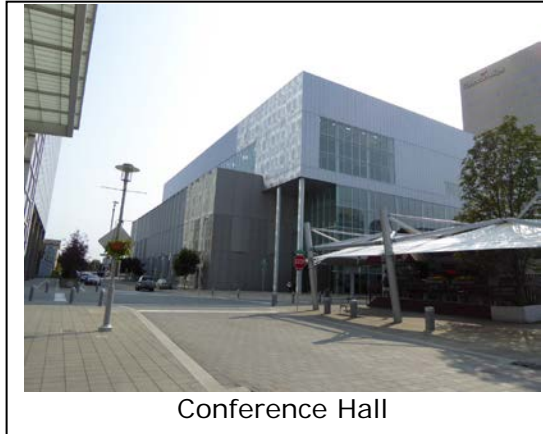
We also welcome your co-workers and friends to register our mailing list.

[iiseenews@kenken.go.jp](mailto:iiseenews@kenken.go.jp)  
<http://iisee.kenken.go.jp>

## 10<sup>th</sup> U.S. National Conference on Earthquake Engineering (NCEE) in Alaska

*By Dr. Toshihide Kashima, IISEE Senior Research Engineer*

I participated in the 10th U.S. National Conference on Earthquake Engineering (NCEE) in July, 2014. NCEE is a conference in the field of earthquake



Conference Hall

engineering hosted every four years by the U.S. Earthquake Engineering Research Institute (EERI), and for this year, it was held in Anchorage on the 50th Anniversary of the Great Alaska Earthquake and Tsunami in 1964.

Nearly 800 papers were presented in the conference and I presented two papers in the oral sessions. As a result, fortunately I met and talked with seven ex-participants, Mehmet CELEBI (1975 Individual Course, Turkey), Jorge Fernando MENESES F. CRUZ (1989 Individual Course,

(1987 Individual Course, Peru), Ernesto Chile), Juan Carlos Esquivel (1990-1991 Earthquake Engineering Course, Peru), Yavuz KAYA (2003-2004 Earthquake Engineering Course, Turkey), Ghazala Naeem (2007-2008 Earthquake Engineering Course, Pakistan), and Yefei REN (2011-2012 Earthquake Engineering Course, China) during the conference and could come into touch with their activities.

To meet ex-participants again is one of the things that give me the most enjoyment in such international conferences. I will be in Istanbul to join the Second European Conference on Earthquake Engineering and Seismology at the time when this newsletter is issued. If you are at the conference in Istanbul, please say hello to me. I'm looking forward to seeing you over there!



Opening Ceremony

## 11<sup>th</sup> Meeting of Asia Oceania Geosciences Society (AOGS) in Sapporo

*By Dr. Bunichiro Shibazaki & Dr. Yushiro Fujii of IISEE*

Dr. Shibazaki, Dr. Fujii and Mr. Mukunda (2013-2014 Seismology Course, Nepal) attended the 11th meeting of Asia Oceania Geosciences Society (AOGS) which was held from July 28 to August 1 in Sapporo, Hokkaido, Japan.

Dr. Shibazaki gave a presentation entitled "Modeling Slow Slips and Mega-thrust Seismic Slips off Tohoku Considering Low to High Speed Friction Behavior of the Shallow Plate Boundary."



The venue, Royton Sapporo

Dr. Fujii gave a presentation entitled "Tsunami Source Model of the 1896 Sanriku Earthquake Inferred from Tide Gauge Records and Coastal Tsunami Heights."



Tsunami session room before starting presentations

Mr. Mukunda delivered his paper on "Strong Ground Motion Records from the Accelerometric Network of Nepal" at the session of "Seismotectonics and Seismic Hazards in the Himalayan Region."

## Letter from Ex-Participant

✉ *Dr. Jorge Marino Protti Quesada*  
*Seismologist, Volcanological and Seismological Observatory of Costa Rica,*  
*University of Costa Rica*  
*(Costa Rica, Seismology course, 1983-1984)*

Dr. Protti wrote to us saying that he wanted to share some developments in seismology from Latin America: The Latin America and Caribbean Seismological Commission (LACSC) of IASPEI had its first General Assembly from 23-25 July 2014 in Colombia, as part of the III Latin America Seismological Congress, organized by the former President Dr. Carlos Vargas from Colombia. In this Assembly Dr. Protti was elected President of LACSC and as the new President of LACSC he will be responsible of organizing the IV Latin America Seismological Congress in Costa Rica in 2016.

**Dear IISEE ex-participants:**

**This is the information of YEAR Book vol. 32, 2014. YEAR BOOK is an IISEE publication and works as a communication tool between IISEE and ex-participants. We publish it every two years. To revise the content of YEAR BOOK, we need your help. We are now sending you the form, "Response Sheet for IISEE YEAR BOOK."**

**Your prompt reply would be highly appreciated. The form is also downloaded from**

**[http://iisee.kenken.go.jp/docs/Response\\_Sheet\\_for\\_IISEE\\_YEAR\\_BOOK.docx](http://iisee.kenken.go.jp/docs/Response_Sheet_for_IISEE_YEAR_BOOK.docx)**

**Please send the form to [iisee@kenken.go.jp](mailto:iisee@kenken.go.jp) by August 31, 2014.**

## Back Numbers

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