



In This Issue

- 2013 AGU Fall Meeting
- JICA's Technical Cooperation in Nicaragua
- The 15th SEEBUS in Taiwan
- The 11th SEGJ International Symposium
- Letter from Ex-participants
- Global Seismological Observation Training Course
- Synopsis Database
- IISEE Staff Members

IISEE Net and Training

IISEENET

IISEE-UNESCO Lecture Note

IISEE E-learning

Synopsis Database

Bulletin Database

2013 AGU Fall Meeting

By Dr. Tatsuhiko Hara , Chief Research Scientist, IISEE

Dr. Shibazaki and I attended the 2013 AGU (American Geophysical Union) Fall Meeting, which was held between December 9 and 13 in San Francisco, California, USA.

In the session of "Mega-earthquakes," I gave a poster presentation entitled "Determination of rupture propagation by measurements of durations of high frequency energy radiation." Dr. Shibazaki delivered his paper on "Modeling of slow slip events and their interaction with large earthquakes along the subduction interfaces beneath Guerrero and Oaxaca, Mexico" at the session of "Interplay of Slow Slip, Tremor, and Earthquakes."

During the meeting, we met some IISEE ex-participants and learned that they were actively working in their respective fields.

Improvement of the Earthquake-Resistant Housing Construction Technology in Nicaragua

By Dr. Masanori Tani, Research Engineer, IISEE

I visited Managua, Nicaragua to conduct the terminal evaluation on the JICA's technical cooperation for "Improvement of the Earthquake-Resistant Housing Construction Technology in Nicaragua" as an expert of earthquake engineering from November 14 to 23 in 2013.



Managua, Nicaragua

The technical cooperation named "TAISHIN Project" was implemented from October in 2011 to September in 2013. Universidad Nacional de Ingenieria (UNI) took a major role in this project and carried out the research to secure earthquake

resistance for reinforced masonry construction which is commonly used for low-income housing in Nicaragua.

Mr. Erasmo Jose Aguilar Arriola, a member of TAISHIN Project of UNI, participates in the earthquake engineering training course from this October. I hope the achievements that he obtained in the training course will be utilized for dissemination of earthquake-resistant housing in Nicaragua in the future.

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!!



The 15th Japan-Korea-Taiwan Joint Seminar on Earthquake Engineering for Building Structures (SEEBUS)

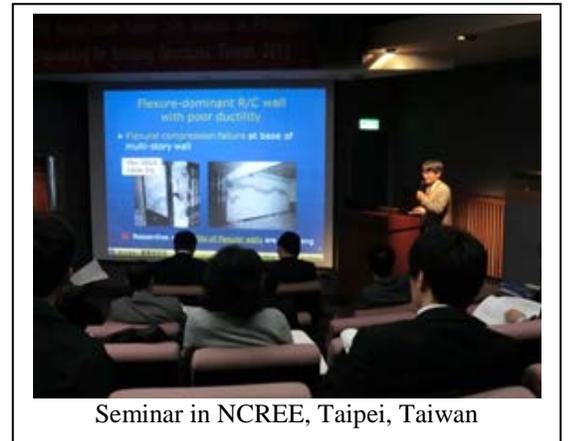
By Dr. Masanori Tani, Research Engineer, IISEE

The 15th Japan-Korea-Taiwan Joint Seminar on Earthquake Engineering for Building Structures (SEEBUS) was held in National Center for Research on Earthquake Engineering (NCEE), Taipei, Taiwan from November 28 to 29 in 2013. I attended the seminar and made a presentation of the submitted paper, "Study on Sliding Shear Failure of Reinforced Concrete Bearing Wall."

The SEEBUS is an international seminar in which engineers and researchers involved in earthquake engineering in Japan, Korea and Taiwan meet together. Since the seminar started in 1999, it is to be held in rotation of 3 countries.

Approximately 30 papers related to earthquake engineering were submitted this year. An ex-participant, Mr. Rafik Taleb (2009-2010, E-course, current Ph.D candidate in Tokyo Institute of Technology) from Algeria made a presentation about investigation on shear response of RC structural walls with openings which is the achievement of his individual study in IISEE.

Although the size of the seminar is not so large, I enjoyed exchanging information and opinions on the latest technology and research in each country. I'm looking forward seeing you in such kind of international meetings next time.



Seminar in NCEE, Taipei, Taiwan

The 11th SEGJ International Symposium

By Dr. Toshiaki Yokoi, Director of IISEE

The 11th SEGJ International Symposium - Geophysics for establishing sustainable secure society - was held by Society of Exploration Geophysicists, Japan (SEGJ), Nov. 18-21 in Yokohama City, Japan.

There were 2 keynote lectures, 107 oral and 39 poster presentations about the newest research topics about exploration technologies for natural resources like hydro carbons, minerals, freatic water and geothermals, and also for civil engineering like underground structure etc. using seismic waves, gravity, electric, magnetic and electro-magnetic methods. Exploration Geophysics is another face of Seismology that provides useful tools for construction engineering.

I could have exciting experiences through this symposium.



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
<http://iisee.kenken.go.jp>

Back Numbers

<http://iisee.kenken.go.jp/nldb/>

Letter from Ex-Participants

It is a great honor for IISEE to announce the news that an ex-participant took a doctoral degree. We wish his work continued success.

Dr. Hussam Eldein ZAINEH (*Syria, 2006-07 E course*)

University : Department of Environmental Science and Technology,
International Graduate School of Science and Engineering,
Tokyo Institute of Technology

Thesis : Study for Seismic Microzoning in Damascus City, Syria, from
Strong Motion simulation Considering Local site Amplification

Date : March 2013

Global Seismological Observation Training Course Starts Next Month

The 19th Global Seismological Observation Training Course in IISEE will take place for about 2 months from January 21 to March 14 in 2014. 9 participants from 7 countries will join the course. The opening ceremony will be held on January 21. Mr. W. Randy Bell, Director of the International Data Centre (IDC) Division of the Provisional Technical Secretariat of the Preparatory Commission for the Comprehensive Nuclear-Test-Ban Treaty Organization (CTBTO) will be present as a guest.

IISEE have been carrying out the training on seismology and earthquake engineering for the researchers and engineers of developing countries. According to fame of the achievements of training program, the Ministry of Foreign Affairs requested IISEE to conduct the training course on global seismological observation which aims to develop human resources having acquired the skills necessary for detecting nuclear tests applying seismological knowledge. Under these circumstances, IISEE launched the Global Seismological Observation Training Course to be committed to the cause of world peace as one of contributions by the Government of Japan in cooperation with JICA and Japan Meteorological Agency in 1995. We have approximately 10 participants in the course every year.

Synopses of 2012-2013 Master Theses Now on IISEE Website

By Ms. Yoriko Iiba, Head of IISEE Administration Division

Please go to our **Synopsis Database** web page on IISEE website. You can access to the **New** synopses of the **2012-2013** participants' master theses. They are 21 from 15 countries. The participants accomplished their master theses during the IISEE individual study period and were conferred the degrees of Master of Disaster Management by the National Graduate Institute for Policy Studies (GRIPS) and IISEE. A highlighted "**Enter**" on the web page will take you to the **Synopsis Database** page when it is clicked.

Website: <http://iisee.kenken.go.jp/syndb/>



IISEE Staff Members

IISEE is a very small society. Permanent staff members are 10 researchers and 2 administration officials. **Who operate the training program?** Surely secretaries and assistants do! Although they are employed as contracted workers up to 3 or 5 years, they are all excellent and always good friends of training participants.

They are 16 now. Their working conditions vary from full time to once a week. Full time secretaries and assistants are working in the administration office, at the library, and research offices. They work out the hospitality events such as the training participants' birthday parties voluntarily as well as the IISEE main events such as opening and closing ceremonies officially.



They are now Eriko, Naoko, Chieko, Kumiko, Masako, Junko, Naomi, and Babur. Masako will come soon her expiration of the contracted term. She is in charge of this Newsletter. We would like to express our deepest gratitude to her support to IISEE and are looking forward to seeing her baby.

