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## The Second JAEE International Symposium

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

Seventeen (17) IISEE participants of Seismology and Earthquake Engineering courses took part in the International Symposium held by the Japan Association for Earthquake Engineering (JAEE) at National Olympics Memorial Youth Center, Tokyo, on November 11 and 12, 2013. 28 presentations were made for 2 days, and the IISEE participants joined active discussion.



The Second JAEE International Symposium

The symposium featured oral presentations and the abstract-refereed papers on earthquake engineering and related fields to contribute to the development of earthquake engineering. It was a good opportunity for IISEE participants to expand their knowledge. I appreciate JICA and people concerned to help us to join the symposium.

## The Workshop on ISO/TC98 Current Activity and National Structural Design Codes

*By Dr. Koichi Morita, Chief Research Engineer, IISEE*

The Workshop on ISO/TC98 Current Activity and National Structural Design Codes has been held on the 13<sup>th</sup> of November 2013 at Tokyo, organized by Institute of International Harmonization for Building and Housing (IIBH). 8 earthquake engineering course participants attended this workshop as a part of training. 8 presentations were performed by the researchers and engineers from Japan, U.S.A., Czech Republic, Denmark and Poland before the audience of about 90. The current activity of each WG of ISO/TC98 related the structural design code and the status report about each national structural design code were shown. Finally, international harmonization of standards was discussed by all presenters.



ISO/TC98 Chairman Professor Brandt

## 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!!



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## Participants' Tohoku Study Trip Reports

### (1)Ms. Yanuarsih Tunggal PUTRI (Indonesia, Seismology Course)

The study trip to damage areas of the 2004 mid Niigata Prefecture Earthquake and the 2011 Tohoku Earthquake was very advantageous trip. "Thank you very much. I learned a lot from these facilities. Hope you can continue to spread



information about living in harmony with earthquake to many other people." was the message I wrote in the Nagaoka City Earthquake Disaster Archive Center. I brought back the spirit of Yamakoshi village to live in their own home town with their own power.

The 2011 Tohoku earthquake was classified as millennium earthquake as well as the 2004 Sumatra earthquake. Its return period has both advantages and also disadvantages. The advantages are that we have

long time to study about it and that at last we can make new technology or regulation to deal with it. On the other hand, the long time period also will make us forget about the disaster, about the sorrow that it brought to people and make us not aware of it anymore. We should share the memories with the next generation after 10 years, 100 years and even 1 million years from now.

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### (2)Mr. Shafiq Ur REHMAN (Pakistan, Seismology Course)

The four days' field visit was organized for study of earthquake and tsunami disaster, response and recovery in Niigata and Miyagi prefectures after the 2004 Mid Niigata prefecture earthquake and 2011 Tohoku earthquake, respectively. The destruction due to the earthquake in 2004 lingered due to the



associated landslides, infrastructure damages and severe snowfall in Niigata region whereas the unprecedented force of tsunami was observed in Onagawa and Natori region where many people lost their lives. The study visit to these areas not only provided opportunity to learn the mechanisms and dynamics of earthquakes and tsunami which otherwise cannot be taught in a class or shown in laboratory but also provided a glimpse of Japanese culture and tradition.

Especially in Niigata Prefecture where a blend of traditional and modern Japan were seen. The visit provided not only for me but for all the course participants a chance to update the knowledge and implement the response procedures when we return to our native respective countries.

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### (3)Mr. Adhi Yudha Mulia (Indonesia, Earthquake Engineering Course)

2004 Niigata Chuetsu Earthquake and 2011 Great East Japan Earthquake in 2011 are vastly devastating in different scale. 2004 Niigata Chuetsu Earthquake has given big impact to the people in Nagaoka city while 2011 Great East Japan Earthquake has given big impact to the Tohoku area and Japan.



The earthquakes were strong, but not as strong as the people's will to struggle after the disaster to rebuild and to reconstruct their life. I have seen the people in Nagaoka city have returned back to their normal life

and culture, while people in Miyagi prefecture is on going for its reconstruction



Enjoy, Now

process. I am also impressed with the support given by other Japanese people to help and to encourage the victims. Some memorial sites are also built to remind the present and future generation about the disaster and to enhance their awareness on future possible disaster.

#### (4)Mr. Erasmo Jose Aguilar Arriola (Nicaragua, Earthquake Engin. Course)



The earthquake in Tohoku 2011 is a big lesson for the world, to remember the men they live in the risk, and like the people hit in this place learn to never give up and continue, and be stronger. What I consider two very important things were the fast and effective actuation by the government, and the friendship and acting of the rest of Japanese people.

#### (5)Mr. Jorge Manuel MORALES TOVAR (Peru, Tsunami Course)

First of all, I would like to thank the magnificent guidance of Tsuji-sensei and Fujii-sensei. They really taught us a lot. This study trip meant a lot to me



because in Peru, we are expecting a big earthquake with tsunami risk. Everything we've learned through this trip about policies, planning, measures, and people's reaction before, during, and after the disaster, has given us a lot of important lessons.

Preventive actions and how education and training of people against the disaster could be the most important factors.

I think all of us will disseminate a lot of knowledge obtained through this trip to our respective countries.

## Contact Us

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

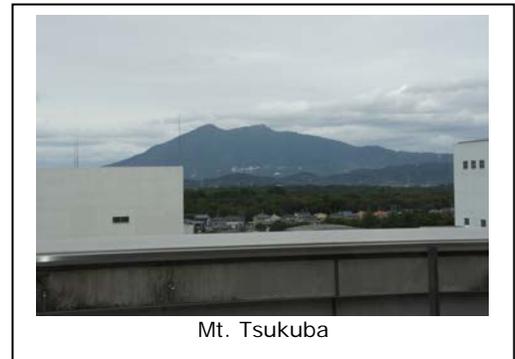
We encourage you to contribute a report and an article to this newsletter. Please let us know your current activities in your countries.

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>

## Maple Viewing Party

To enjoy the autumn season, IISEE had an informal "maple viewing" lunch party on Wednesday, October 23, 2013. Almost 30 people including 21 training participants joined the party. Unfortunately it was a little bit cold to eat outdoors. We went up to the top floor of the Annex building and enjoyed the scenery around Mt. Tsukuba and the box lunches.



Mt. Tsukuba



"Cheers!" with Tea

A "Maple viewing" is one of the Japanese autumn events. People enjoy autumn season to see leaves are changing their color from green to yellow or red. It was the first event between IISEE staff members and 2013-1014 trainees who came to Japan at the beginning of October.

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## Letter from Ex-Participants

☒ It is a great honor for IISEE to announce the news that ex-participants took doctoral degrees. We wish their works continued success.

**Dr. Rami Ibrahim** (Syria, 2006-07 S course)

University : Department of Architecture, Graduate School of Engineering,  
The University of Tokyo

Thesis : Long-Period Ground Motion Prediction Equations and Their  
Application to the Magnitude Estimation of Large Earthquakes  
Considering Site Effects

Date : September 27, 2013

**Dr. Himangshu Sekhar Mandal** (India, 2005-06 S course)

University : Department of Applied Geophysics,  
Indian School of Mines, Dhandad

Thesis : Seismic Behavior of the Subsurface Geomorphic features over  
the Central part of India

Date : October 10, 2013

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## In Memoriam: Dr. Ezzelden Mohamed Ibrahim

It was with profound sorrow that we received the sad news of the passing away of Dr. Ezzelden Mohamed. Dr. Ibrahim, Professor of Seismology at NRIAG, Egypt has passed away on Wednesday, November 6, 2013 on age 71. Dr. Ibrahim had a Japanese wife. They met in his first course participant's period in Tokyo. He attended the Seismology course in 1967-68, the Seminar Course in 1983, and the Individual Course in 1979 and in 1984. We would like to extend the sincerest sympathy from all of us at IISEE.



This is a photo taken in 1983 when he attended the Seminar course.

\*Right to left:

Dr. E. M. Ibrahim

Dr. R. Morales M.

Dr. M. Watabe

Dr. S. Miyamura

## Back Numbers

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

### The 12th IISEE Seminar

Date : Wednesday, December 4, 2013

Time: 15:40 -16:40

Lecturer: Dr. Tony YANG, The University of British Columbia

Subject: Current performance based seismic design in North America and powerful tool for loss calculation

# Study Trip to Tohoku

