



## In This Issue

- The 23rd Global Seismological Observation Training Course Closed
- Closing ceremony speech on behalf of the Global Seismological Observation course participants
- Newly released book

## IISEE Net and Training

IISEENET

IISEE-UNESCO Lecture Note

IISEE E-learning

Synopsis Database

Bulletin Database

## Earthquakes

The 2011 off the Pacific coast of Tohoku Earthquake

Reports of Recent Earthquakes

Utsu Catalog

Earthquake Catalog

## The 23rd Global Seismological Observation Training Course Closed

*By Mr. Yoshihiro Iitake, Head of Administration Division, IISEE*

The Global Seismological Observation Training Course is implemented as one of the contributions of the Japanese Government towards establishing a verification system for nuclear tests.

The closing ceremony of the Global Course was held at JICA Tsukuba on March 9. In this course, one participant returned home on half way, however 16 participants attended the ceremony and awarded a certificate of JICA and BRI / IISEE. And then, Dr. Sanjay Kumar Prajapati from India gave a speech on behalf of participants.

Although it was a short period of about two months, I think that they could not only acquire knowledge about global seismological observation and advanced seismic analysis technique but also touched on Japan's efforts and culture so far through the study trip. It would be grateful that participants will introduce the things they learned in Japan to a lot of people including their colleagues.

In implementing the course, we would like to express our sincere thanks to the Comprehensive Nuclear-Test-Ban Treaty Organization (CTBTO), Ministry of Foreign Affairs of Japan (MOFA), Japan International Cooperation Agency (JICA), Japan Meteorological Agency (JMA) and people concerned for their support and cooperation.



## 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!!



Closing Ceremony of the Global Course

## Closing ceremony speech on behalf of the Global Seismological Observation course participants

*By Dr. Sanjay Kumar Prajapati (India)*



Speech by Dr. Prajapati

Dr. Mitsumasa MIDORIKAWA, President of Building Research Institute-BRI, Mr. Masayuki TAKAHASHI, Director General of Japan International Cooperation Agency-Tsukuba Center - JICA, Dr. Toshiaki YOKOI, Director of International Institute of Seismology & Earthquake Engineering-IISEE, Distinguished guests and fellow participants here present.

Today, I am privileged and honoured to speak on behalf of the 2017: Global Seismological Observation training course participants who have just completed their training. First and foremost, I would like to take advantage of this opportunity to express our profound gratefulness to the Government of Japan – Ministry of Foreign Affairs (MOFA), Japan International Cooperation Agency (JICA), Building Research Institute (BRI) and International Institute of Seismology & Earthquake Engineering (IISEE) for their invaluable coordination in making this course to be a success.

We all feel fortunate to have had the chance to be part of the JICA Global Seismological program. The program offered us the opportunity to spend about two months away from our home. Before trip to Japan we knew very little about Japanese culture or way of life in



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>

the country. I believe that we have managed to achieve the main objective of the training which is to be able to distinguish natural seismic events from nuclear explosions. This was made possible through the efforts of the hard working lecturers who took their time to explain these concepts to us. Besides from meeting the course objective, I am confident that we can also speak basic Japanese and have also learnt about the Japanese culture as we have been sensitized to it through visiting cultural heritages in the country.

Although we cannot express our sincere gratefulness to the lecturers as individuals, we would like to say to all of them: Nintai-zuyoku watashitachi o shidoushite kudasatte arigatōgozaimashita (thank you very much for teaching us in patience).

As this is our closing ceremony, it is my sincere hope that this closing will not be the end of the friendship that has been established amongst fellow participants. Let us not put the resources of our sponsors to no avail but let us be instrumental in numerous ways in realizing the objectives of this workshop are put into practice in our respective countries.

All good things must come to an end. Sadly, though, it's goodbye time. Tomorrow it will be a time to go back home. Although we are excited to be reunited with our families, friends, loved ones and pets, we just cannot help it, but we all feel a tinge of sadness in our hearts in leaving this place we have had to call home for these past two months. We will miss our home here at JICA-Tsukuba Center, we will miss our classroom at BRI, we will miss Sakume-san and Inadome-san who would do a head count now and again to ensure that no-one was missing. We will miss this beautiful country of Japan and its wonderful inhabitants.

Once again, we thank all the organisations who made this training to be a success. We are forever indebted to you. Thank you so much (Dōmo arigatōgozaimasu)!

Love you Japan.

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## Newly released book

*By Dr. Toshiaki Yokoi, Director of IISEE*

Dr. Walter Mauricio Salazar Guerra (1998-1999 Earthquake Engineering Course) an ex-participant of IISEE has published a book of structural engineering in Spanish. Please find the outline of the book below. We IISEE welcome information on such activities of ex-participants as publishing books, being awarded, obtaining academic titles and so on.

Title: PRO STRUCTURAL 3D Software para el análisis de estructuras  
Author: Walter Mauricio Salazar Guerra  
Publisher's Name: David Publishing Company  
(<http://www.davidpublisher.org/>)  
ISBN: 1-934502-26-X

## Back Numbers

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

In this first edition of the PRO-STRUCTURAL 3D software, 115 examples are presented, including the structural analysis of beams, frames, arches, step works, road structures, dual wall-frame systems, confined masonry walls, galleys, metal shelves for storage (racks), simple, complex and complex armor, structures of land retention and foundations. The structures may be subject to gravitation, earthquake and wind loads.

It is possible to consider collateral effects in structures such as temperature changes - now essential due to climate change - manufacturing errors and settlements. It is feasible to model the rigidity of the soil for the analysis of foundation beams, footings and piles and incorporate discontinuities or ball joints, variable inertias and inclined supports in the members. There is also the ability to incorporate rigid and flexible parts in the members that allow modeling the interaction of shear walls with frames in a practical way.

The source codes of the programs are written in FORTRAN language and can be found on the CD-ROM that is attached to the book along with the instructions for compiling and executing them.