



# IISEE Newsletter



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International Institute of Seismology and Earthquake Engineering BRI Japan

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1 Tachihara Tsukuba Japan 305-0802 tel+81-29-879-0678 facsim+81-29-864-6777

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## Greetings to All Readers

*By Dr. Toshiaki Yokoi, Director of IISEE*

Dear IISEE Newsletter Readers,

I wish you, your families and colleagues a Happy New Year. May it be a prosperous year, and may we see IISEE carrying the training program forward in 2015, although I am afraid that you read this letter almost February 2015.

In 2014, a severe earthquake disaster has taken place in China, Chile has been affected by Tsunami due to earthquake of magnitude 8.1, and earthquakes of magnitude over 7 have occurred in the USA, Solomon Islands, Papua New Guinea, Nicaragua, Mexico, Fiji and Indonesia. We would like to express our deep sympathy with the people in the affected area. These catastrophes made us reconfirm the necessity to keep IISEE's high mission through our training courses for mitigating earthquake disasters and for making people living in the earthquake-prone countries safely and peacefully.

The year 2015 holds many promises and challenges for IISEE. Our present one-year course will be re-started in October, 2015 as the new course named "SEISMOLOGY, EARTHQUAKE ENGINEERING, AND TSUNAMI DISASTER MITIGATION" after the JICA program review in 2014. The recruitment by JICA will be conducted in April-May 2015.

We are planning our new activities of IISEE to facilitate the communication and information exchange with the readers of the News Letter, the ex-participants and the people working in the field of Seismology and Earthquake Engineering. Please pay attention to the notices provided in the News Letter.

Finally I would like to add a word of grateful acknowledgment to you all for your kindness and attention to IISEE again.



Dr. Yokoi, Director of IISEE

## IISEE's activities in UN-WCDRR (Mar.14-18, 2015)

United Nation's World Conference on Disaster Risk Reduction will be held in Sendai on March 14-18, 2015. IISEE will send staffs to the venue for the exhibition of the activities. Please let us know if you visit Sendai, Japan during this conference. We'd like to have an alumni meeting there, if possible.

## Earthquakes

The 2011 off the Pacific coast of Tohoku Earthquake

Reports of Recent Earthquakes

Utsu Catalog

Earthquake Catalog

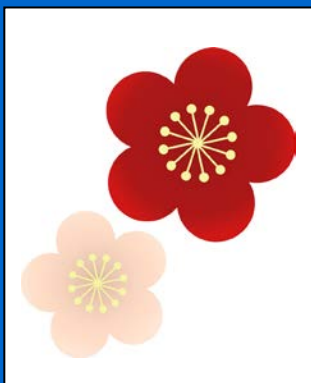
## Call for Papers

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!!



# Eleven Persons from Eight Countries Join the Global Seismological Observation Course for Two Months

*By Ms. Yoriko Iiba, Head of IISEE Administration Division*

The Opening Ceremony of the Global Seismological Observation Training Course was held at the JICA Tsukuba from 11:30 to 12:00 on Tuesday, January 20 2015. The training participants from China, Egypt (2), Iran, Nepal (2), Pakistan (2), Solomon Islands, and Thailand came to Japan and joined the ceremony. Although a participant from Papua New Guinea was late to come to Japan and could not attend the ceremony, he arrived in Japan at the end of the week and now he joins the course actively.



Dr. Meral-Özel



Dr. Sakamoto

In the ceremony, we had two special guests, Dr. Nurcan Meral-Özel, Director of the International Monitoring System (IMS) Division of the Provisional Technical Secretariat (PTS) of the Preparatory Commission for the Comprehensive Nuclear-Test-Ban Treaty Organization (CTBTO) from Vienna, Austria, and Mr. Hideaki Ishii, Principal Deputy Director of Arms Control and Disarmament Division, Disarmament, Non-Proliferation and Science Department,

Ministry of Foreign Affairs of Japan (MOFA). Dr. Meral-Özel gave the first lecture to the participants on the Overview on International Monitoring System on that day.

The Global Seismological Observation Training Course has the special aim to develop human resources having acquired the skills necessary for detecting nuclear tests applying seismological knowledge. We need the support and cooperation with CTBTO, MOFA, JICA, Japan Meteorological Agency and other organizations concerned in order to carry out this training program.

After the guests' addresses, Dr. Yuzo Sakamoto, BRI Chief Executive and Mr. Senichi, Director General of JICA Tsukuba made their welcome speeches.

Finally, as the representative of the participants, Mr. Bharat Prasad Koirala from Nepal gave an address in reply. Although the course period is short, we hope that they will be actively engaged in the training program and take good memories to their home.

As usual we wish to give them the welcome words, "Where there's a will, there's a way."



Opening Ceremony

## 2014 AGU Fall Meeting

*By Dr. Takumi Hayashida, Research Scientist, IISEE*

Dr. Hara, Dr. Shibazaki and I attended the 2014 American Geophysical Union (AGU) Fall Meeting in San Francisco, the United States on 15th-19th December. This annual meeting is the largest worldwide conference in the geophysical field, gathering more than 24,000 attendees.



Poster sessions  
at the Moscone Center

In the session of "Advances in Site Response", I did a poster presentation entitled "Validation of S-wave Velocity beneath the Ise Bay, Central Japan, Using Continuous Short-period Ambient Noise Data".

Dr. Hara gave a poster presentation on "HFER Duration and Displacement Amplitudes from Regional P waves as a Possible Tsunami Earthquake Discriminant" at the session of "Decade of Megatsunamis: Science and Tsunami Warning Systems after the 2004 Sumatra Event".

Dr. Shibazaki gave a poster presentation on "Modeling Deformation Processes of Northeastern Japan Island Arc Considering Rheological Structure Affected by Hot Mantle Fingers" at the session of "Behavior of the Lower Crust and the Brittle-Ductile Transition in Continental Deformation".

During the meeting, we met some IISEE ex-participants and enjoyed renewing old friendships.

## IISEE Training Schedule in 2015

### ☆*Seismology, Earthquake Engineering and Tsunami Disaster Mitigation Courses*

January 5 (Mon)	Resumption of the Lectures
January 26 (Mon) - February 6 (Fri)	GRIPS's Intensive Lectures
February 17(Tue)	International Friendship Party and General Meeting
*March 14(Sat)-18(Wed)	UN World Conference on Disaster Risk Reduction
*April 15(Tue)-18(Fri)	Study Tour to Kansai Area
May 29(Fri)	General Meeting
June 1 (Mon) - September 2 (Wed)	Individual Study
July 16(Thu)-17(Fri)	Interim Presentation
August 20(Thu)-21(Fri)	Final Presentation and General Meeting
*August - September	Courtesy Call to the MLIT Minister (one-day)
September 16(Thu)	IISEE Closing Ceremony
September 17(Fri)	GRIPS Graduation Ceremony

### ☆*Global Seismological Observation Course*

January 20(Tue)	Opening Ceremony
February 4(Wed)-7(Sat)	Study Tour to Kansai Area
February 17(Tue)	International Friendship Party
March 13(Fri)	Closing Ceremony

\*Tentative schedule



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/>

## Event Information - UN-WCDRR, Sendai city in March -

i)

### **IISEE-BRI in UNWCDRR**

A big event of the world-wide interest will be held in Sendai, Japan. Namely, United Nations World Conference on Disaster Risk Reduction, Mar. 14-18, 2015. IISEE is preparing for exhibition in the following venue located close to JR Sendai station.  
<http://www.siip.city.sendai.jp/netu/english.html>

ii)

### **Coming Meetings in March, 2015**

We have caught the information of the following events in the coming March that may be convenient for you if you are planning to visit Japan during UN-WCDRR by chance.

#### **UNESCO-IPRED Open Workshop:"Earthquake Disaster Management in the World – IPRED countries"**

Organizer: UNESCO, GRIPS, IISEE-BRI  
Venue: <http://www.grips.ac.jp/en/about/access/>  
Schedule: 10:00-17:00 Mar.13, 2015.

The followings are planned during UN-WCDRR in Sendai, Japan. The newest information can be found at the following.

<http://www.wcdrr.org/conference/programme>

#### **"Global Program for Safer Schools" organized by World Bank-GFDRR.**

Venue: Tohoku University Kawauchi-kita Campus B201, Sendai  
Schedule: Mar.14, 2015.

#### **"Disaster Management Policies in Japan and the World against Earthquake and Tsunami" organized by GRIPS.**

Venue: AER TKP Garden City Sendai Hall D, Sendai  
Schedule: 13:00-20:00 Mar.14, 2015.

#### **"Designing for a safe and secure home and community" organized by Architectural Institute of Japan.**

Venue: Sendai Civic Auditorium Small Hall  
Schedule: Mar.14, 2015.

#### **"International symposium on disaster" organized by JICA.**

Venue: Tokyo Electron Hall Miyagi 601 Large Meeting Room  
Schedule: Mar.14, 2015.

#### **"Setting Standards on Infrastructure" organized by World Bank/GFDRR, UNESCO, UN Habitat.**

Venue: TOHOKU UNIVERSITY KAWAUCHI KITA CAMPUS A202, Sendai  
Schedule: Mar.15, 2015.

#### **"Fostering DRR through Education for Sustainable Development: Towards a Better Future for Children" organized by Miyagi University of Education, Mext-Japan and Japanese National Commission for UNESCO.**

Venue: TOHOKU UNIVERSITY CENTENNIAL HALL KAWAUCHI HAGI HALL, Sendai  
Schedule: 15:00-18:00 Mar. 16, 2015.  
URL: <http://fukkou.miyakyo-u.ac.jp/wcdrr2015/index.html>

#### **"Standards for Disaster Risk Reduction Including Building Codes" organized by UNESCO, Japanese Government, World Bank.**

Venue: TOHOKU UNIVERSITY CENTENNIAL HALL KAWAUCHI HAGI HALL, Sendai  
Schedule: 14:00-15:30 Mar. 17, 2015.