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Eleven Participants Successfully Completed a Two-Month Training Course on the Global Seismological Observation

By Ms. Yoriko Iiba & Dr. Bunichiro Shibazaki of IISEE

The Closing Ceremony of the Global Seismological Observation Training Course



Closing Ceremony

which started on January 20 was held in BRI on Friday, March 13, 2015. Eleven participants from China, Egypt (2), Iran, Nepal (2), Pakistan (2), Papua New Guinea, Solomon Islands, and Thailand attended the ceremony and have received the certificates from JICA and BRI/IISEE. Ms. Masume Eskndari from Iran made an address in reply as the representative of participants. (See page 4)

The Global Seismological Observation Training Course is programmed as one of the contributions by the Government of Japan toward establishing a verification regime against nuclear tests. The participants are mainly from non-signatories and non-ratified countries of the Comprehensive Nuclear-Test-Ban Treaty (CTBT).

In the training program, participants acquire knowledge of the CTBT regime and the role of seismology in the International Monitoring System (IMS). They also study global seismological observation technologies for monitoring nuclear tests and earthquakes, and acquire data analytical techniques to discriminate nuclear tests from natural earthquakes. At the end of the program, they report each Action Plan that they are planning to carry out in their countries based on their study in IISEE.

The participants engaged in an active discussion with lecturers from CTBTO, Dr. Özel, the Director of the IMS and Dr. Edwald, a Section Chief of the IDC. In the action plan presentation session, some participants proposed their plans to hold trainings in their countries to introduce contents of this training. We hope that the participants will share what they learned in Japan with their colleagues.



Action Plan Presentation

Moreover their knowledge and expertise on global seismological observation and data analysis will contribute to the reduction of earthquake disasters in their countries. Implementing this training program, we would like to express

Earthquakes

The 2011 off the Pacific coast of Tohoku Earthquake

Reports of Recent Earthquakes

Utsu Catalog

Earthquake Catalog

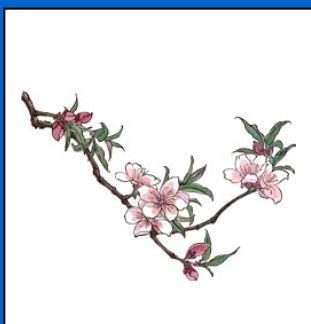
Call for Papers

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!!



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 to the course.

Third UN World Conference on Disaster Risk Reduction

By Ms. Yoriko Iiba, Head of IISEE Administration Division

The Third United Nations World Conference on Disaster Risk Reduction was held from March 14 to 18, 2015 in Sendai city, Miyagi prefecture, Japan. Reported by the Sendai Committee for the UN World Conference on Disaster Risk Reduction on March 19, an estimated attendance of 6,500 people from 187 countries appeared at the official programs hosted by UN in Sendai International Centre, and a total of 156,082 people participated in the Public Forum.

IISEE participated in the poster exhibition of the Ministry of Land, Infrastructure, Transport and Tourism of Japan (MLIT), one of the Public Forum, held in Sendai City Information & Industry Plaza (AER) near Sendai Station. Although visitors were not so many as we expected, some of ex-participants and overseas acquaintances called on us.



IISEE poster exhibition
(2lines from the right)

The Seismology course participants stayed there from March 13 to 18, the Tsunami Disaster Mitigation course were from March 13 to 17, and Earthquake Engineering course, from March 16 to 17. They joined various informative sessions or forums at the main venue, Sendai International Centre and Tohoku University, etc.



One of the sessions
(Sendai International Centre)



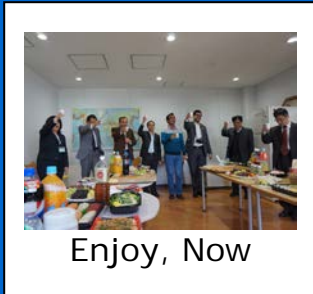
IISEE Participants
(Sendai International Centre)

As we mentioned you in the previous NL issue, IISEE was nominated on the long list of the 2015 UN SASAKAWA Award for Disaster Risk Reduction. Unfortunately we were not called our name as one of three laureates at the ceremony on the night of March 17, whereas we would like to extend our cordial congratulations to three winners and their excellent activities, and furthermore deep gratitude to everyone who supports IISEE. Thank you very much.

Lecture by Dr. Mittal from India at IISEE Seminar

By Dr. Tatsuya Azuhata, Chief Research Engineer of IISEE

Dr. Mittal from Central Building Research Institute (CSIR) of India kindly



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.

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Back Numbers

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

accepted our offer to give a lecture at the IISEE Seminar held on February 23, 2015. Dr. Mittal is a principal scientist and a group leader of structural engineering group in CSIR, and what's more, he is a former participant of the IISEE training course. He was awarded an IISEE diploma of Earthquake Engineering course in 1999.



Dr. Mittal at the IISEE Seminar
(Feb. 23)

In the seminar, he lectured on "Commonalities and Differences between Earthquake & Wind Resistant Design." Some basic concepts of wind resistant design were explained comparing with those of earthquake resistant design. And a detailed case study on the collapse of an industrial shed under wind loads was also presented. After his lecture, participants discussed with him on his lecture contents. His lecture provided all IISEE participants with an incentive to study disaster mitigation issues again.

In near future, his lecture will be published as an E-learning content on the IISEE web site.

Letter from Lecturer

✉ Dr. Taiki Saito, IISEE Visiting Research Fellow/Lecturer
(Professor, Toyohashi University of Technology)

Dr. Saito informed that the STERA_3D new version (Ver.7.0) was released. His mail is as follows.

"STERA_3D is available from the following web site.

<http://www.rc.ace.tut.ac.jp/saito/software-e.html>

STERA_3D is also published on the NEEShub.

<https://nees.org/resources/ster3d/about>

You may need a NEEShub account to access the page.

STERA_3D has been used in the IISEE lecture long time to study about earthquake response analysis of buildings. You can analyze buildings with reinforced concrete elements, steel elements, seismic isolation and response control devises.

STERA_3D is distributed for free for the use of research and educational purpose."

Letter from Ex-Participant

✉ Mr. Andres Jose ALFARO Catillo:
Researcher,
CIEES Colombia
(Colombia, Seismology Course, 2004-2005)

Mr. Alfaro says that his latest book "Engineering Engineering" is available on Amazon, a mail-order house.

*Earthquake Engineering (Spanish Edition) <<http://amzn.com/1508514240>>



Address on Behalf of the Global Course Participants

By Ms. Masume Eskndari from Iran

Mr. KIMURA of JICA Tsukuba, Dr.YOKOI of IISEE, Dr. SAKAMOTO of BRI, Mr. ISHII of MOFA, Respected Senseis, Distinguished guests, Ladies and Gentlemen.

Konnichiwa.

On behalf of my friends, other participants of global seismological observation course, I'm glad to have this opportunity to express our feelings and grateful sense to all of you.



Group Photo at IISEE Front Porch

The past two months are very special to us. We have completed the course and it has given us much knowledge and multiple transferable skills. There are of course numerous acknowledgements that need to be made in relation to our residence in Japan and scientific course: to staff members of Ministry of Foreign Affairs of Japan (MOFA), Japan International Cooperation Agency (JICA), International Institute of Seismology and Earthquake Engineering (IISEE) and Building Research Institute (BRI). You made it possible for us to participate in this wonderful course. Without your support, interest and hard work, this training would not have been as a profound program.



Lecture at JWA

During our stay in Japan, we received a very high quality education: this training consisted of excellent lectures and interesting subjects, delivered by BRI and IISEE's professors, experts of JMA, JWA and CTBTO and other experts. All of these lectures expanded our knowledge and broadened our views of monitoring technology applicable to discriminate nuclear explosions. In this regard, we would like to express our deep gratitude to all lecturers. Their insight and experience with global seismic monitoring have been a source of inspiration to us to apply seismology in our countries to help to keep our people safe.

Also we would like to highlight our study trips, which allowed us to acquire further information and explanations from officials, experts and practitioners. We would like to thank them deeply.

BRI and IISEE staffs, you provided us with a favorable learning environment. You cared about every little task. We appreciate your hard work and patience. Living in Japan is an unforgettable experience. And we feel blessed to have had this incredible experience.

We would like to express our profound gratitude and appreciation to whom made it possible for us: to the Government of Japan, MOFA and JICA. We are sincerely grateful for your warm welcome and continuous caring and for giving us a pleasant environment during our stay in Japan. We enjoyed the activities that have been available for us. You made us feel at home and JICA is our home in Japan.

To participate in this course, it has been one of the most awarding experiences we have ever had. This course caught our attention to this point that improving seismological observation we can contribute to protect our people against nuclear weapons.

Thank Japan for believe in us.

We wish this wonderful country and its friendly people are safe and blessed forever.

Apology for a Typing Error in IISEE Year Book Vol.32, 2014

We would like to apologize and correct the data of Year Book Vol.32, page 99. Due to our typing error, we put the word of "deceased" to Prof. H. R. Sidjabat (1990 IE) from Indonesia. This is completely our mistake. He is in good health. We sincerely apologize to Prof. H. R. Sidjabat for our clumsiness. We also would like to express our hearty gratitude to Dr. Teddy Boen for his indication.