



IISEE Newsletter



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International Institute of Seismology and Earthquake Engineering BRI Japan

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In This Issue

- Latin American Earthquake Engineering Course Starts
- IPRED7 Meeting and the International Workshop in Almaty, Kazakhstan
- Visit to Peru CISMID
- Visit to Nicaragua
- Colloquium, General Meeting & Friendship Party
- IISEE Curriculum Committee

IISEE Net and Training

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IISEE-UNESCO Lecture Note

IISEE E-learning

Synopsis Database

Bulletin Database

Bienvenidos a Japón (Welcome to Japan) Latin American Earthquake Engineering Course Starts

By Dr. Toshiaki Yokoi, Mr. Mizuo Inukai & Ms. Yoriko Iiba of IISEE

The opening ceremony of the Latin American Earthquake Engineering Course was held at the BRI Hall from 9:30 to 10:30 on Thursday, June 5. Fourteen participants from Dominican Republic (2), El Salvador (4), Nicaragua (4) and Peru (4) crossed the Pacific Ocean and join the IISEE training course.

The ceremony was conducted through two Japanese-Spanish interpreters and started by the introduction of the BRI and JICA executives and IISEE staff members. Next, Mr. Senichi Kimura of Director General of JICA Tsukuba and Dr. Yuzo Sakamoto, BRI Chief Executive made their welcome speeches.



Latin American Participants



Dr. Sakamoto, CE of BRI

causes huge impacts on human suffering and property damage. This course aims to reduce damage from future earthquakes by enhancing and disseminating the earthquake-resistant technology in the participant countries.

Incidentally, the course is carried out in all Spanish through Japanese-Spanish interpreters, and the lecture notes in Spanish are handed out to the training

Dr. Sakamoto introduced the history and role of BRI and talked to the Latin American training participants, "Everything is ready for you." Lastly Mr. Oscar Armando Lopez Trujillo from El Salvador made a speech on behalf of all the participants.

Latin America is a quake prone region as same as Japan. However, technology of earthquake-proof construction is not widely obtained in the area, and building collapse



Opening Ceremony

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!!



participants. The participants are not requested to have a good command of English in their application qualifications. For further information on this Latin American training course, write to us at iisee@kenken.go.jp.

We heartily wish all good luck to their training course.

¡Buena suerte! (Good luck!)

IPRED7 Meeting and the International Workshop in Almaty, Kazakhstan

By Dr. Toshiaki Yokoi & Dr. Tatsuya Azuhata of IISEE



7th IPRED Session

The 7th session of the International Platform for Reducing Earthquake Disasters (IPRED) was held at "Almaty-Resort" in Almaty, Kazakhstan from 28 to 30 May. The IPRED is a platform established by UNESCO in collaboration with the IISEE, which acts as the "Centre of Excellence." Current members of the IPRED are Chile, Egypt, El Salvador, Indonesia, Kazakhstan, Mexico, Peru, Romania, Turkey

and Japan. These countries are counterparts of Technical Corporation Projects by JICA on which the BRI has collaborated about for the past 30 years.

Also, the UNESCO-IPRED international workshop on "Actions Needed for the Next Decade to Reduce Earthquake Losses" was held on 27 May at the same venue.

From the IISEE, Dr. Yokoi and Dr. Azuhata attended these session and workshop. Dr. Azuhata presented recent research results on strong ground motion observation for buildings by the BRI etc. on the workshop.

Dr. Yokoi reported the activities by the IISEE/BRI relating to the IPRED in FY 2013 on the IPRED session. And he proposed a rough draft of the next action plan of the IPRED for a following few years and the procedure to develop it. Based on this suggestion, it was concluded that all participants discuss on the next action plan using an e-mail and fix it by the next IPRED session.

Finally the secretariat of UNESCO-IPRED proposed to hold the 8th session in Japan on March, 2015, matching the schedule of the United Nations World Conference on Disaster Reduction (WCDR). And this suggestion was approved by all session members.

Besides, we could meet with the ex-participants of IISEE's regular course: Prof. Edgar Armando Peña Figueroa (El Salvador, 2004-2005 E course), Mr. Ridwan Mohamad (Indonesia, 1997-1998 E course & 2008 Seminar course), Prof. Carlos Irala Candiotti (Peru, 1984-1985 E course), Prof. Raul Alejandro Alvarez Medel (Chile, 1994-1995 E course) and Ms. Natalya Silacheva (Kazakhstan, 1999-2000 E course).



International Workshop



Enjoy, Now

Visit to Peru CISMID -as a part of JST-JICA SATREP Project-

By Dr. Masanori Tani, IISEE Research Engineer

I visited CISMID (Japan-Peru Center for Seismic Investigation and Disaster Mitigation) of National University of Engineering in Peru from May 28th to June 6th with Prof. Shunsuke Sugano (Special Visiting Researcher of IISEE/BRI).

This trip was a part of JST-JICA SATREP Project. The main purpose of this trip was to make instruction how to use the new loading system supplied by this project and give a lecture in the symposium for disaster prevention. New loading system enables the loading test under more complicated control. I hope the range of structural experiment in CISMID will expand significantly.

The symposium for disaster prevention has been held every year for education and reflection on natural disasters since the 1970 Ancash Earthquake in Peru. I and Prof. Sugano gave lectures about the recent research trends of R/C structure in Japan and the experimental database of masonry wall specimens, respectively.



At the Laboratory for Structural Experiment in CISMID

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>

Visit to Nicaragua -as a JICA Short Term Expert (Part II)-

By Dr. Takumi Hayashida, IISEE Research Seismologist



Observation at INETER

I made a visit to Nicaragua from May 28 through June 9 as a JICA short-term expert, following the Dr. Yokoi's visit (IISEE Newsletter No.109). I instructed micro-tremor array measurement (SPAC method), single-point microtremor measurement (H/V method) and multi-channel analysis of surface waves (MASW) both inside and outside Managua city.

In Managua, I worked with Mr. Edwin Nadir Castrillo Osorio (2006-2007 Seismology Course) and his colleagues who belong to the Geotechnical Research Center (CIGEO), the Geology and Geophysics Institute (IGG), and the National Autonomous University of Nicaragua (UNAM). Fortunately we were favored by good weather condition (over 30 degrees C!!) during my stay despite rainy season in Nicaragua.

We also visited the National University of Engineering (UNI) and the Nicaraguan Institute of Territorial Studies (INETER) to conduct the observations on the premises. I lectured on basics of microtremor



Animals passing by the array

observation to staff members of the institutes and exchanged diverse opinions on the methods, observation systems and engineering utilizations of the results. I hope that seismologists, geologists and research engineers in Nicaragua develop a research partnership to share the basic information about underground structure models and seismic hazard analysis. Portions of the observed data will be used for individual study of this year's course participant. I could visit many interesting places in Nicaragua and enjoyed my stay.

Colloquium, General Meeting & Friendship Party

By Ms. Yoriko Iiba, Head of IISEE Administration Division

The third colloquium, which is a seminar consisting of presentations by the training participants, took place in IISEE for two days on Thursday, May 22 and on Friday, May 23. On the first day the participants of the Earthquake Engineering course presented the outline of their individual study reports, and on the following day the participants of Seismology course and Tsunami Disaster Mitigation course followed suit.

From June 2, the participants started their individual studies to write their master's theses. On Friday, May 23 after the colloquium, we had the general meeting. In the general meeting, they expressed their impressions and remarks on the lectures, everyday life, etc.

Following the meeting, we held the Friendship Party. It was planned for the participants to get over the tough individual studies by IISEE. The party was started by the master of ceremonies, Dr. Kashima. Although most of them study in IISEE, Faouzi from Algeria, Shamsul from Bangladesh, Pamela from El Salvador, Onur and Ergun from Turkey, and Jorge from Peru should leave from Tsukuba. They study with their supervisors in Tokyo, Toyohashi, Nagoya, Yokohama and Sendai. With a good meal and a comfortable atmosphere the party was closed.



Presentation at Colloquium

2014 IISEE Curriculum Committee in Tokyo

By Ms. Yoriko Iiba, Head of IISEE Administration Division

The IISEE Curriculum Committee is organized to assist IISEE staff with giving practical advice on the training program and its activities. The committee is comprised of 18 members who are university professors and researchers of public organs. The members are 5 from seismology field, 3 from Tsunami, 7 from earthquake engineering, and 3 from civil engineering. Dr. Yuji Ishiyama is the chair. He is Emeritus of Hokkaido University and once IISEE's Head of Earthquake Engineering Division.



Curriculum Committee

The 2014 annual meeting was taken place on the 18th of June in Yotsuya, Tokyo. 12 members and IISEE staff members came together and discussed the content of 2013-2014 training curriculum and the future program.

Back Numbers

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