



IISEE Newsletter



Dec 28, 2020

Number 188

International Institute of Seismology and Earthquake Engineering BRI Japan

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In This Issue

- Participants' arrival in Japan
- Face-to-face lecture (December 8) by Prof. Satake at IISEE hall
- Asian Seismological Commission General Assembly 2021 (Online, 21-27 AUG. 2021)
- Activity Report of Ex-participants of 2017 Latin course
- Lecture on Disaster Management Policies at GRIPS
- Report on the remote IISEE seminar (December 15) by Prof. Tanioka
- Introduction of personal changes
- Greetings from New IISEE Staff

Participants' arrival in Japan

By Dr. Tatsuya Azuhata, Director of IISEE and Mr. Takahiro Yamada, Head of Administration Division, IISEE

In the difficult situation of global infection of COVID-19, we had an online opening ceremony of the training courses in Seismology, Earthquake Engineering, and Tsunami Disaster Mitigation for young researchers and engineers on Oct 2nd. IISEE One year training course has started, and participants began coming to Japan one by one.

Seven participants from El Salvador, Chile, Bangladesh, Malaysia, and Timor-Leste began commuting to BRI on Nov 16th, followed by four participants from Indonesia and Bhutan on Dec 7th.

They take both online lectures and face-to-face lectures. When participants in IISEE have class in person, participants in their country take the online lecture.

From the middle of Dec, Tsukuba is getting colder. Because of the COVID-19, they cannot travel during the holiday, but they're working hard in the lectures and homework.

Please do your best.

Face-to-face lecture (December 8) by Prof. Satake at IISEE hall

By Dr. Bunichiro Shibazaki, Chief Research Scientist, IISEE, and Dr. Yushiro Fujii, Senior Research Scientist, IISEE

On December 8th, Professor Kenji Satake, Director of the Earthquake Research Institute, the University of Tokyo, gave a lecture entitled "Tsunami and Earthquakes." The professor explained the basic concepts of tsunami generation, propagation, tsunami warnings, etc., citing studies of the 2011 Tohoku earthquake and other earthquakes in the world. The audience consisted of three from the tsunami disaster mitigation course and six from the seismology course. Six participants attended face-to-face lectures, and three trainees (Solomon, Philippines, Tonga) attended lectures remotely. The participants commented that

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



Prof. Satake's lecture was very clear, easy to understand, and captivating. The face-to-face lecture was conducted in alignment with guidelines to prevent the spread of COVID-19, such as by widening the space between seats.



Professor Kenji Satake,
Director of the Earthquake Research Institute,
the University of Tokyo

Asian Seismological Commission General Assembly 2021 (On-line, 21-27 AUG. 2021)

By Dr. Toshiaki Yokoi, Senior Fellow, IISEE

ASC(Asian Seismological Commission General Assembly) that was postponed from 2020 to 2021 will be held in the framework of IAGA-IASPEI 2021, 21-27 Aug. 2021, hosted by CSIR-NGRI (National Geophysical Research Institute, Hyderabad, India). Influenced by COVID-19, it will not be an in-person meeting in Hyderabad but a fully On-line meeting.

Important Date:

15 Jan. 15 - Apr. 2021 Abstract Submission

15 Jan. 30 - Jun. 2021 Early Bird Registration

Registration Fee (Standard Delegate):

175 USD for Early Bird Registration

225 USD later than July 1st.

Please refer the following URL for the information more in detail:

www.iaga-iaspei-india2021.in

Activity Report of Ex-participants of 2017 Latin course

By Dr. Toshiaki Yokoi, Senior Fellow, IISEE

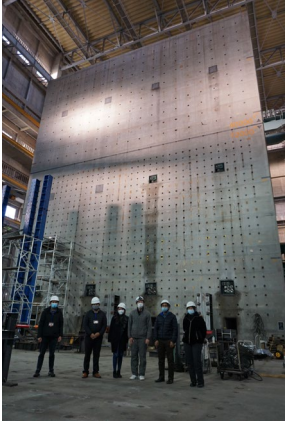
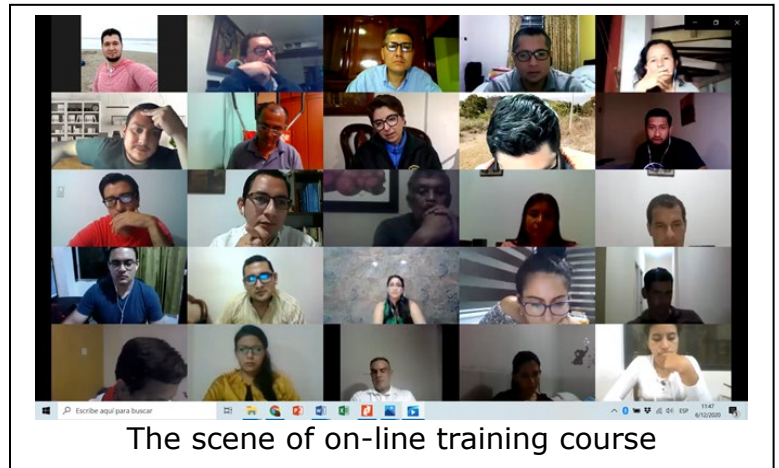
The following activity report has been sent to IISEE by Prof. Yordy Mieles, Ecuador. We IISEE staffs are very proud of their respectable activity.

Ex-participants of JICA training course

"Improvement and Dissemination of

Technology for Earthquake-resistant Construction in Latin America" held 2017 in Japan, joined November 7 and 28, 2020 in an On-line training course to 70 Master course students in Civil Engineering for "Housing of Social Interest" developed in the Technical University of Manabí, Ecuador.

The theme was related to the local experience in their respective countries in the construction of social housing, the deficiencies and the measures that are taken to reduce seismic risks.



Enjoy, Now



The host professors and the ex-participants Prof. Yordy Mieles and Prof. Stalin Alcívar addressed the theme of "EARTHQUAKE-RESISTANT CONSTRUCTION ORIENTED TO SOCIAL HOUSING".

The following ex-participants performed the presentations from their respective countries:

- Mr. Gustavo Coronel from Venezuela: SOCIAL HOUSING IN LATIN AMERICA AND THE CARIBBEAN: A VIEW FROM THE SEISMO-RESISTANT ASPECTS.
- Ms. Magda Castellanos, from El Salvador: SOCIAL HOUSING TECHNOLOGIES IN EL SALVADOR
- Ms. María Isabel Díaz Solíz, from Mexico: HOUSING IN MEXICO AND LATIN AMERICA

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 needed.

Try to challenge!

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

• Mr. Eduardo Hurtado, from Chile: BAKED BRICK MASONRY BUILDINGS IN CHILE

• Ms. Tammy Villar, from the Dominican Republic: INFORMAL BUILDINGS IN THE DOMINICAN REPUBLIC. REPORTS FROM VULNERABLE HOUSES
The experience and friendship acquired during the mentioned JICA training course is benefiting a wide sector in Latin America, with the dissemination of the experiences acquired by ex-participants, and today is used to improve living standards and social housing security.

Lecture on Disaster Management Policies at GRIPS

By Mr. Takahiro Yamada, Head of Administration Division, IISEE

Since 2005, the IISEE regular-course program has also been recognized as the master course program of the National Graduate Institute for Policy Studies (GRIPS) based on the partnership between the BRI and the GRIPS. Therefore, the IISEE regular-course participants can earn their master's degree (Master of Disaster Management) from the GRIPS. The GRIPS provides a two-week special lecture on disaster management policies for this master course program. Not only the IISEE participants also other Japanese and international students from other programs participate in this lecture.

The GRIPS remotely provided the lecture this year due to the COVID-19 issue. And the IISEE participants attended the class from their room at the JICA Tsukuba International Center from Monday, November 20 to Friday, December 4. The GRIPS requested all students present natural disasters in their country, countermeasures against them, and their tasks relating to them and discuss their presentation in the lecture session. They had a precious opportunity to learn disaster countermeasures in various countries and know each other well. Three outstanding presentations were selected based on student's mutual votes, and the "Best Presentation Award" was given to winners. One of the three winners was Nityam san from Bhutan, the IISEE participant. In Japan, we will still have cold days for a while. But the daytime from the sunrise to the sunset is getting longer and longer. We hope they overcome cold winter by changing the mood by participating in a short meeting held by the IISEE, enjoying Japanese new year's custom, etc.



Nityam san from Bhutan, Seismology course, received the "Best Presentation Award."

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Report on the remote IISEE seminar (December 15) by Prof. Tanioka

By Dr. Bunichiro Shibazaki, Chief Research Scientist, IISEE, and Dr. Yushiro Fujii, Senior Research Scientist, IISEE

On December 15th, a remote IISEE seminar was held by Professor Yuichiro Tanioka of Hokkaido University for present and former participants of the tsunami disaster mitigation course. The title of the lecture was "Recent Researches on Tsunami Forecasting Technology." The professor introduced recent research on the determination of seismic source models for tsunami early warning systems in Central America and Indonesia as well as a near-field tsunami warning system using an ocean-bottom pressure sensor network (S-net). Thirty-five people attended the seminar in real time, and 29 were former participants from Asia and Latin America. In addition, approximately six people attended the seminar on demand later. After the seminar, Shibazaki and Fujii reported on the status of the recent tsunami disaster mitigation course, then held an exchange meeting using Spatial Chat. We talked with Prof. Tanioka and the former participants about many topics to deepen exchanges. This was the first attempt to hold an IISEE seminar remotely; we plan to continue the remote IISEE seminars to build an international network between former participants and IISEE on earthquake and tsunami disaster prevention.

Introduction of personal changes

By Mr. Takahiro Yamada, Head of Administration Division, IISEE

As of Sep 1st, Dr. Hiroto Nakagawa, a senior research engineer, was transferred to IISEE from the department of Structure Engineering and on Dec 1st, Dr. Yuri Otsuka, a researcher, was transferred to IISEE from the department of Structure Engineering.

Greetings from New IISEE Staff

By Dr. Hiroto Nakagawa, Senior Research Engineer of IISEE

My name is Hiroto Nakagawa. I am very honored to join the IISEE as a staff of the earthquake engineering course of the IISEE training program. Thanks to my mentors and colleagues, I have experience about:

- Theoretical and numerical analyses (elastic, equivalent linear and elasto-plastic analyses of soil as well as soil-structure systems)
- Field measurements (microtremor measurements, seismic observations)
- Model tests (Shaking table tests of soil-



Dr. Hiroto Nakagawa,
Senior Research Engineer
of IISEE

structure systems)

I am looking forward to having a great time with you all.

By Dr. Yuri Otsuka, Researcher of IISEE



Dr. Yuri Otsuka
Researcher of IISEE

My name is Yuri Otsuka. I am the new research engineer of IISEE. I completed the doctor course at Meiji University in March 2019. And I used to work in the Department of Structural Engineering Group since April 2019. My research is evaluating the seismic response of buildings and the development of new RC seismic structures. I want to do my best in my research field and also new work in IISEE.