



# IISEE Newsletter



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International Institute of Seismology and Earthquake Engineering BRI Japan

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## Online IISEE Seminar by Prof. Yagi

By Dr. Bunichiro Shibazaki, Chief Research Scientist, IISEE

On Wednesday, February 3rd, the Distance IISEE Seminar had been held. Dr. Yagi from the University of Tsukuba introduced his recent study regarding the source process derived from seismic waves and the fault geometry.

Date & Time: Wednesday, February 3rd 15:00 – 16:00 (JST)

Title: "High-Degree-of-Freedom Finite-Fault Inversion Method"

Lecturer: Professor Yuji Yagi (University of Tsukuba)

Following the lecture, there was a quick update on the Global Seismological Observation Course from Dr. Shibazaki and the similar for the Seismology Course from Dr. Hara.

Finally, Dr. Yagi and the participants discussed the topic of the lecture using the Spatial Chat system. The number of the live participants was around 83, including 66 ex-trainees and 8 current trainees. The participants from overseas were from the following countries: Costa Rica, Turkey, Morocco, South Africa, Thailand, Indonesia, Ghana, Kyrgyzstan, Turkey, the Philippines, Egypt, Mongol, Georgia, Malaysia, Algeria, Myanmar, Azerbaijan, China, Nepal, Mexico, Iran, India, Timor-Leste, Comoros, Sri Lanka, Zimbabwe, and the Solomon Islands.

Although the local time in Central America was already midnight, an ex-trainee also participated in the active discussion. The seminar was recorded for distribution through the Video on Demand streaming so that those who missed the event can also watch it later. The event received applause as being very informative and beneficial. There was a high demand for the continuous delivery of such online events.

## Information Disclosure for Off the Coast of Fukushima Prefecture Earthquake

By Dr. Tatsuya Azuhata, Director of IISEE

## 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 needed.

Try to challenge!

An earthquake occurred off the coast of Fukushima prefecture around 23:08 on February 13, 2021. The IISEE has posted information on this earthquake on our website.

Click here for the information on the off the coast of Fukushima Prefecture Earthquake.

[https://iisee.kenken.go.jp/quakes2/20210213off\\_fukushima.html](https://iisee.kenken.go.jp/quakes2/20210213off_fukushima.html)

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## Participant Recruitment for 2021-22 One-Year Course is now going on

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

JICA has already sent the General Information of 2021-22 one-year course for Seismology, Earthquake Engineering & Tsunami Disaster Mitigation to the selected countries: Indonesia, Malaysia, Philippines, East Timor, Bhutan, Bangladesh, Fiji, Tonga, El Salvador, Colombia, Peru, Algeria, and Ghana. We will appreciate you if you so kindly transfer this information to your young colleagues or subordinates who may be ambitious to study abroad. The deadline for application is set at April 9th, 2021, however, this is the final date for sending the application form, from a JICA office in your country to the Headquarter of JICA in Tokyo. The deadline for you must be set earlier. Please ask a JICA Office in your country for further and more detailed information.

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## On the Requirement of English Proficiency for Recruitment

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

2021-22 one-year course for Seismology, Earthquake Engineering & Tsunami Disaster Mitigation will be held as a Master program under the collaboration of IISEE, BRI, GRIPS. This training course includes active participation in discussions and development of the action plan and research report, thus requires high competence of English ability both in conversation and composition. Therefore, the applicants are requested to have a competent command of spoken and written English ---with a minimum test score of TOEFL iBT 79, IELTS Academic 6.0 or its equivalent. It is mandatory for applicants to GRIPS/BRI Master's Program to submit the above mentioned English certificate, an official certificate of the university you attended on the instruction in English, or an academic degree at an accredited institution located in the USA, the UK, Canada, Australia, New Zealand, or Ireland.

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## Conference on Implementation of Training Project

## 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)

## To change registered e-mail address

Please contact us when you have adjusted your e-mail address to receive

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## Back Numbers

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

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

The International Institute of Seismology and Earthquake Engineering (IISEE) holds an advisory board consisting of external experts around February every year to enhance the international training programs. This committee was held remotely on February 1st this year. We took distance lectures in the corona disaster crisis as an essential agenda item. Based on the committee's opinions, IISEE will continue to provide trainees with knowledge and technology related to earthquake and tsunami disaster mitigation as usual years, even in the corona disaster crisis.

## Ex-participant from Nepal obtained PhD.

By Dr. Mukunda Bhattarai, NEMRC: National Earthquake Monitoring and Research Center, Nepal

It is my great pleasure to inform you that I have received a Ph.D. degree from The University of Tokyo, Japan on 11<sup>th</sup> December, 2020. Due to the worldwide COVID-19 pandemic it was few months delayed. The title of my dissertation is "Study of Site Effects and its Applications to Understanding Seismic Damage." In my thesis, I mainly derived the shear wave velocity structures at few pilot sites in the central part of the Kathmandu valley, the capital city of Nepal using broad band seismograph arrays of long period microtremors (ambient noise). The velocity structure thus derived is used for ground motion simulation and the simulated ground motion is used for building damage analysis mainly caused by the most recent damaging earthquake (Gorkha, Nepal earthquake, 2015).

I am an ex-participant of 2004-2005 (Seismology course), the last batch of the Post Graduate Diploma. I also attended the seminar course on microtremor in 2008 following the Asian Seismological Commission (ASC 2008) held in Tsukuba. After the approval of the Masters course in collaboration with National Graduate Institute for Policy Studies (GRIPS), I attended the regular course in Seismology in 2013-2014 and received Master of Disaster Management jointly provided by BRI/GRIPS. I would like to express my sincere appreciation for all the knowledge and support gained from IISEE/BRI, GRIPS and JICA and will always be my pleasure to have the same in the days to come. Now I am working at the National Earthquake Monitoring and Research Center, Department of Mines and Geology, Ministry of Industry Commerce and Supplies, the Government of Nepal as a Seismologist.



National Earthquake Monitoring and Research Center, Nepal  
Dr. Mukunda Bhattarai