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## IISEE Annual Training Course 2020-21 started.

By Mr. Takahiro Yamada Head of Administration Division, IISEE

In the difficult situation of global infection of the new coronavirus, 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 12th, and the course has started.

This year, 15 participants from 10 countries were chosen out of 21 applicants from 12 countries and divided into Seismology, Earthquake Engineering, Tsunami Disaster Mitigation. They are going to have specialized lectures on the study.

We hope they have a fruitful training for each participant and spend time in Japan with many fans.

We highly appreciate the support of all the concerned people for this training course.



Mr. Takeshi WATANABE,  
Director General of  
JICA Tsukuba Center



Dr. Mitsumasa MIDORIKAWA,  
President of  
Building Research Institute

## IISEE Net and Training

IISEENET

IISEE-UNESCO Lecture Note

IISEE E-learning

Synopsis Database

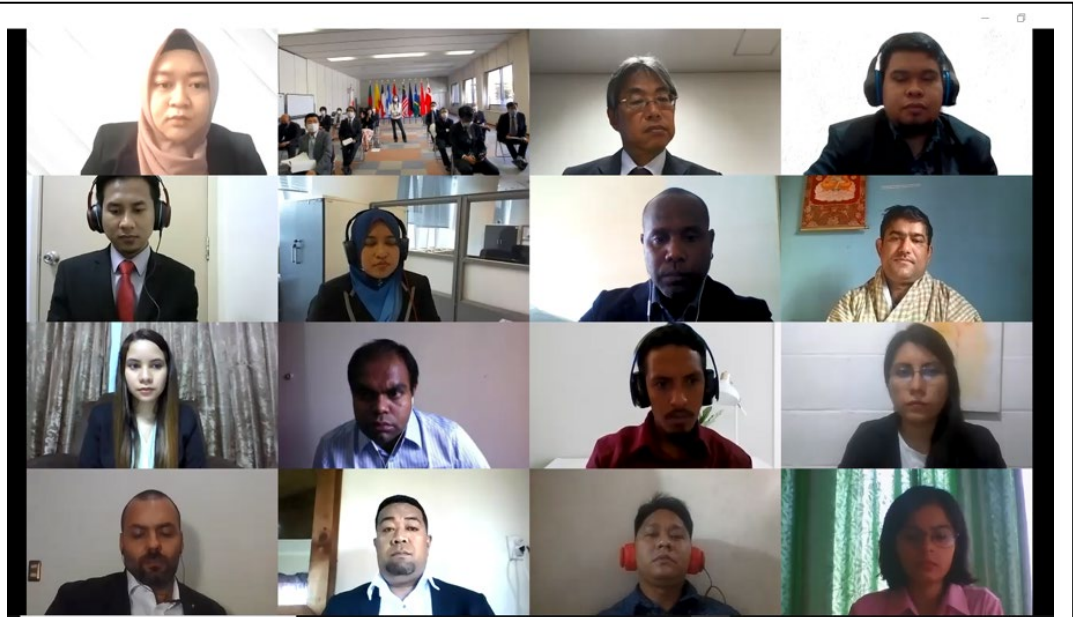
Bulletin Database



Mr. Masaru SUGAHARA,  
Director of Disaster  
Management Policy (DMP)  
Program,  
Professor, National Graduate  
Institute for Policy Studies  
(GRIPS)



Address by Participant  
Mr. Mohd Assyarul Bin Saadun  
From Malaysia,  
Earthquake Engineering  
course



Online opening ceremony

## Earthquakes







The 2011 off the Pacific coast of Tohoku Earthquake







Reports of Recent Earthquakes




Utsu Catalog

Earthquake Catalog

## New participants of 2020-21

No.	Photo	Country	Name	Position / Organization
<b>Seismology course</b>				
1		BHUTAN	Ms.NEPAL Nityam	<u>Geologist</u> Department of geology and Mines Ministry of Economic Affairs
2		EL SALVADOR	Ms.OLIVAR AMAYA Monica Beatriz	<u>Technical Assistant</u> Facultad de Ingenier&iacute;a y Arquitectura Universidad de El Salvador
3		INDONESIA	Mr.ROSID Abdul	<u>Senior Seismologist</u> Earthquake and Tsunami Center Meteorology Climatology and Geophysics Agency
4		PHILIPPINES	Mr.OESTAR Joel	<u>Science Research Assistant</u> Seismological Observation and Earthquake Prediction Division Seismic and Tsunami Network Operation Philippine Institute of Volcanology and Seismology
5		TIMOR-LESTE	Mr.DA SILVA ALMEIDA Geovanio Pedro	<u>Assistant Officer of Seismicity and Earthquake Geological Hazard Division</u> Instituto Petroleum e Geologia. Instituto Publico (IPG. I.P.)
6		TONGA	Mr.PENISONI Mafoa Latu	<u>Assistant Geologist</u> Natural Resources Division Ministry of Land & Natural Resources

<b>Earthquake Engineering course</b>				
1		BANGLADESH	Mr.DEY Bidhan Chandra	<u>Executive Engineer</u> Khulna Zone Public Works Department
2		BANGLADESH	Mr.WARAH Md Ibnul	<u>Research Engineer</u> structural engineering and Construction Division Housing and Building research Institute (HBRI)
3		BHUTAN	Mr.BHATTARAI Yadav Lal	<u>Deputy Executive Engineer</u> Department of Engineering Service Ministry of Work and Human Settlement
4		EL SALVADOR	Ms.DURAN SARAVIA Susan Ivania	<u>Technician</u> Construction and Urban Development Department Mayors Council and Planning Office of the Metropolitan Area of San Salvador(COAMSS/OPAMSS)
5		MALAYSIA	Mr.Mohd Assyarul Bin Saadun	<u>Civil Engineer</u> Civil & Structural Engineering Branch Structural Rehabilitation and Conservation Department Public Works Department (JKR)
6		MALAYSIA	Ms.Syuhaida Binti Suaib	<u>Civil Engineer</u> Civil & Structure Branch Structure Division Public Works Department (JKR)

Tsunami Disaster Mitigation course			
1		CHILE Mr.PULIDO IPARRAGUIRRE Geronimo	<u>collaborating member</u> Coast engineering Chilean Association of Port and Coastal Engineering
2		INDONESIA Ms.SINKI Kian Purna	<u>Senior Seismologist for Tsunami Early Warning Sub-Division</u> Earthquake and Tsunami Centre Agency for Meteorology Climatology and Geophysics of Indonesia
3		SOLOMON ISLANDS Mr.TATAPU Carlos	<u>Senior Information Officer</u> Geological Survey Division Ministry of Mines Energy and Rural Electrification



## A paper by Senior Research Scientist Dr. Yushiro Fujii, published in the *Geophysical Journal International* on 31 August 2020.

By Dr. Yushiro Fujii, Senior Research Scientist, IISEE

Senior Research Scientist Dr. Yushiro Fujii published a paper on slip distribution of the 2005 Nias, Indonesia earthquake (Mw 8.6) in the *Geophysical Journal International* on 31 August 2020. Recent studies enable us to use far-field tsunami data for waveform analyses by applying phase corrections to calculated tsunami waveforms. This paper performed joint inversions of local geodetic data and far-field tsunami waveform data to estimate the slip distribution on the fault of the 2005 Nias earthquake. Please inform Dr. Fujii ([fujii@kenken.go.jp](mailto:fujii@kenken.go.jp)) if you are interested in this work.

Fujii Y., Satake K., Watada S., Ho T.C., 2020. Slip distribution of the 2005 Nias earthquake (Mw 8.6) inferred from geodetic and far-field tsunami data, *Geophysical Journal International*, 223, 2, 1162–1171, <https://doi.org/10.1093/gji/ggaa384>

## Online Seminar by an ex-participant of the 2018 course for seismic resistant construction for Latin America

By Dr. Toshiaki Yokoi, Senior Fellow

Mr. Francisco Antonio Gomez Hernandez, who completed the "Latin American Earthquake Engineering" course in 2018 and returned to El Salvador, talked about earthquake and tsunami

## 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.j](mailto:iiseenews@kenken.go.j)

disaster mitigation measures in Japan at the on-line seminar, "Technology Development" sponsored by the Japan Center of Los Andes University, Colombia on the morning of October 22. (Japan Standard time). We look forward to his greater success in the future.



Mr. Francisco Antonio Gomez Hernandez explains the earthquake and tsunami disaster mitigation measures in Japan



Face page of Presentation

## Ex-participant from Nepal obtained PhD.

Dr.Sudhir Rajaure

Deputy Director General of the Department of Mines and Geology, Nepal.

I am pleased to share that on September 27, 2020, I obtained a PhD in earthquake hazard analysis in Nepal from Tribhuvan University in

Kathmandu, the capital of Nepal.

The title of the dissertation is

"Seismic Hazard Analysis of Nepal". In this research, I mainly prepared nationwide seismic

hazard maps of Nepal for 500, 1000,

2500, 5000 and 10000 year return periods for an engineering rock site condition. I am a graduate of the

1998-1999 course (seismology course) and the 2008 seminar course. I would like to express my sincere gratitude to JICA, BRI and IISEE family, who enlightened the importance of earthquake and earthquake hazard to me. My current position is 'Deputy Director General' of the Department of Mines and Geology, Nepal. I am leading the Petroleum Exploration Promotion Project of the Department of Mines and Geology at present.



Dr.Sudhir Rajaur

## Back Numbers

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