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Professional lectures on disaster management policy

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

As One-Year Training Course held at the International Institute of Seismology and Earthquake Engineering (IISEE) is cooperating with the National Graduate Institute for Policy Studies (GRIPS), it is possible to obtain a master's degree.

Training participants who are aiming to acquire a master's degree in disaster management policy of GRIPS attended professional lectures on disaster management policy conducted by GRIPS from November 8th to 21st.



Lecture at GRIPS①



Lecture at GRIPS②

In those lectures, GRIPS professors gave lectures on disaster management policies related to architecture, cities, infrastructure, etc., as well as damage caused by past disasters and recovery and reconstruction.

In addition, they made inspection tours of Roppongi Hills to observe urban redevelopment projects and

disaster preparedness efforts. They also made presentations and discussions about disasters in their country, disaster management policies, and their own relationship to disaster prevention, and those were an opportunity for IISEE, ICHARM, and Japanese

IISEE Net and Training

IISEENET

IISEE-UNESCO Lecture Note

IISEE E-learning

Synopsis Database

Bulletin Database

students to deepen their knowledge of disaster prevention in their countries.

In Japan, a cold day will continue, but the daytime, from sunrise to sunset, will be getting longer.

We hope all participants will overcome this cold winter with a change of pace by experiencing Japanese culture during the New Year.

National Graduate Institute for Policy Studies (GRIPS) web :

<https://www.grips.ac.jp/en/>

Symposium jointly hosted by National Graduate Institute for Policy Studies (GRIPS) and Building Research Institute (BRI) - January 16, 2023

A symposium jointly hosted by the National Graduate Institute for Policy Studies and the Building Research Institute will be held on Monday, January 16, 2023.

The outline of the symposium is scheduled as follows.

Volcanic eruptions have caused significant damage worldwide, such as the Hunga Tonga–Hunga Ha'apai eruption and tsunami (HT-HH) in January 2022. Japan is one of the most volcanic countries in the world, where volcanoes erupt frequently, and there are concerns about the impact of the eruption of Mt. Fuji on the Tokyo metropolitan area. In this symposium, we will exchange information on domestic and international efforts and technological trends and consider issues that need to be addressed in the future.

Date and time: Monday, January 16, 2023, 1:30 pm – 5:00 pm

Venue: Online (ZOOM webinar) free participation fee

Language: Japanese/English (simultaneous translation)

Hosted by: National Graduate Institute for Policy Studies, Building Research Institute

URL:

<https://www.kenken.go.jp/japanese/information/information/pres/s/2022/557.pdf> (Japanese)



Earthquakes

The 2011 off the Pacific coast of Tohoku Earthquake

Reports of Recent Earthquakes

Utsu Catalog

Earthquake Catalog

Program:
13:30-13:40 Introductory Remarks: Tatsuya AZUHATA (Director, Dept. of Structural Engineering, BRI)
13:40-15:20 Part 1 Tonga HT-HH Volcanic Eruption Disaster and Preparedness
15:20-15:30 Break
15:30-17:00 Part 2 Disaster prediction of Mt. Fuji Eruption and preparedness
17:00 Closing
Application URL: :https://grips-ac-jp.zoom.us/webinar/register/WN_YmD1A2FiTYyd_cv2H-_n5Q

Contact: National Graduate Institute for Policy Studies (e-mail: grips.dms@gmail.com)

*The necessary parts of the application are written in both Japanese and English. However, if characters on the application page were garbled, please try to access it from your computer and change the "Language" setting to "English" at the bottom of the page.



Online IISEE Seminar on January 20th and February 6th

We are glad to invite you to online IISEE seminars by Prof. Imamura at IRIDeS, Tohoku University, and Prof. Hoshiba at Meteorological Research Institute, Japan Meteorological Agency. We look forward to your participation.

<Date & Time>

January 20th (Fri.), 8:50-10:00 (Japan Standard Time)

<Content>

8:50-9:00 Introduction of recent IISEE activity (Zoom)

9:00-10:00 Lessons learnt from the 2011 Tohoku Earthquake and Tsunami for Resilient society
-Sendai Framework for Disaster Risk Reduction 2015-2030 (Prof. Imamura) (Zoom)

<Lecturer>

Prof. Fumihiko Imamura (Tsunami Eng. and director of IRIDeS, Tohoku University)

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!!

<Registration> Please fill the following form:
<https://docs.google.com/forms/d/e/1FAIpQLSch1PGKQPwg-tK7IDk1PsH1W3s-GeYzWkRvAMrU3iAthKpEZA/viewform>

<Date & Time>

February 6th (Mon.), 15:30-16:45 (Japan Standard Time)

<Content>

15:30-15:40 Introduction of recent IISEE activity (Zoom)

15:45-16:45 Fifteen years' experience of nationwide earthquake early warning in Japan (Prof. Hoshiba) (Zoom)

<Lecturer>

Prof. Mitsuyuki Hoshiva (Senior Director for Meteorological Res. Inst., JMA, Japan)

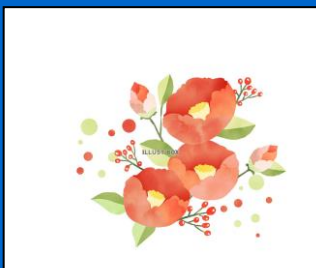
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https://docs.google.com/forms/d/e/1FAIpQLSfqBr_VTm32oJ1eNy3soKmH3HAjKIFndkHkdyNMjlsWys3pGg/viewform

<Host> International Institute of Seismology and Earthquake Engineering, Building Research Institute

If you would like to watch the on-demand recorded video of seminar, please check it in the application form.
Later we will inform you of the link and password of the on-demand seminar.

It will be highly appreciated that you could forward the information about the seminars to your colleagues and young staff in your office.



The final lecture by Dr. Furumura, Earthquake Research Institute, the University of Tokyo

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

Prof. Furumura, Earthquake Research Institute, The University of Tokyo, provided the final lecture at IISEE on December 15th (Thursday).

From the 2001-2002 course, Prof. Furumura has been in charge of some



Group Photo

lectures on theory of seismic waves (Associate Professor in 2001). For more than 20 years since then, he has contributed to promotion of understanding and dissemination of knowledge about theory of seismic waves through his excellent lectures for engineers and researchers from developing countries. We greatly appreciate his contribution to our training courses.

Dr. Abdelkrim Bourzam, a professor at National Polytechnic School in Algeria, visited IISEE

By Dr. Toshihide Kashima, Research Engineer, IISEE

Dr. Abdelkrim Bourzam, a professor at National Polytechnic School in Algeria, visited IISEE in December 2022. Dr. Bourzam was a participant to the IISEE course of 2001 to 2002. During this visit, he gave a special lecture on masonry structure and had discussions with IISEE and BRI research staff.



Dr. Abdelkrim Bourzam



Enjoy, Now

2022 Meeting of International Platform for Reducing Earthquake Disasters (IPRED)

By Dr. Yuri Otsuka, Research Engineer, IISEE

We held the IPRED meeting (online) on the 8th and 10th of Nov. 2022 (Japan Standard Time). IPRED is a UNESCO project implemented by IISEE and the leading organization of 10 countries, which keeps a firm connection with IISEE through ODA-based JICA projects and IISEE's international training program.

On the 8th, representatives of El Salvador, Egypt, Chile, Mexico, and Peru, and on the 10th, representatives of Algeria, Indonesia, Japan, Kazakhstan, Romania, and Turkey gave presentations on the current activities.

On the 10th, the Japan representatives* presented the report on activities in Japan and the Masonry Experimental Database and the research results using this database. This database was compiled by the experimental data (543 specimens) on masonry walls constructed by laying bricks and concrete units in Excel format. The database data include from Japan and overseas, including countries

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

<https://iisee.kenken.go.jp/en/>

participating in this meeting. Figure 1 shows the number of experimental specimens collected presented by country.

From the analysis of this database, the structural characteristics were the difference between these masonry walls and reinforced concrete walls. Figure 2 shows the four types of masonry walls.

Note the Building Research Institute published the results of analyses and research using this database as Building Research Data. Then the English version will be published by Building Research Institute.

* Japan representatives

Dr. Tatsuya AZUHATA

Director, Department of Structural Engineering, Building Research Institute

Dr. Yuri OTSUKA

Research Engineer, International Institute of Seismology and Earthquake Engineering, Building Research Institute

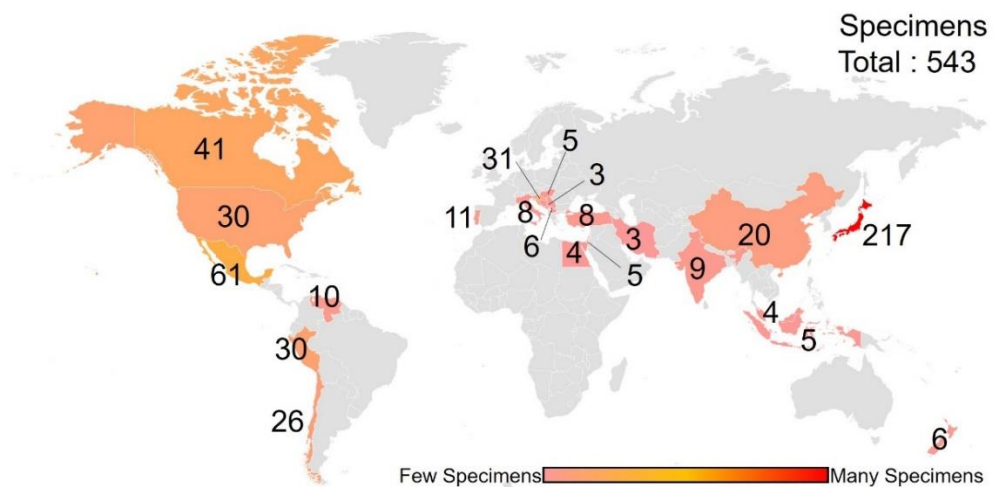


Figure 1 Number of Experimental Data by Country

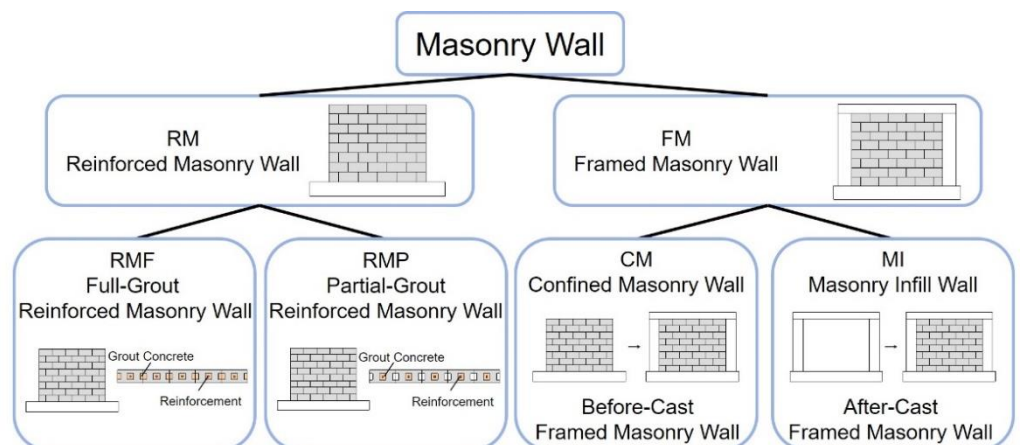


Figure 2 Classification of Masonry Walls (4 types).

Visit and exchange of views by a delegation from the Kingdom of Cambodia

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

On Thursday, November 24, we received a delegation of 19 members of the Ministry of Land and Infrastructure of the Kingdom of Cambodia, mediated by the International Affairs Section of the Planning Department, BRI.

The visit consisted of an explanation of the research outline of the Building Research Institute, a facility tour of the Large Size Structure Laboratory and the Full Scale Fire Test Laboratory, and a training guide and exchange of views.

The Large Size Structure Laboratory was explained by Dr. Azuhata, the Director of the Department of Structural Engineering, and the Full Scale Fire Test Laboratory was explained by Dr. Noaki, Senior Researcher of the Department of Fire Engineering.

The training guidance was guided by Dr. Shibazaki, Director of the IISEE, and Dr. Suwada, Senior researcher of the IISEE.

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Facility Tour of BRI



Group Photo