

For nearly 20 years since 2005, the National Graduate Institute for Policy Studies (GRIPS), the International Institute of Seismology and Earthquake Engineering (IISEE) the Building Research Institute (BRI), and the Japan International Cooperation Agency (JICA) have been supporting disaster management in developing countries through human resource development programs (Disaster Management Policy Program). In addition, IISEE has been conducting technical training and other programs for over 60 years, forming a global network of experts in earthquake and tsunami disaster prevention. As a result, based on Japanese technology, the promotion of earthquake-resistant buildings and the establishment of seismic observation, tsunami warning system have been achieved in various countries, enhancing safety and security in developing regions. This symposium will feature keynote lectures from researchers involved in human resource development and joint research projects, followed by reports from training graduates active in disaster prevention and mitigation fields in various countries. The discussions will focus on the achievements and future initiatives in promoting disaster prevention and mitigation policies in developing countries.

Date and time : Friday, December 6, 2024, 1:30pm – 5:00pm

Venue : National Graduate Institute for Policy Studies (GRIPS) (room 1F,A,B) and Online (ZOOM Webinar)

Language : Japanese/English (simultaneous translation)

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

Supported by : National Institute for Land and Infrastructure Management of the Ministry of Land, Infrastructure, Transport and Tourism, Urban Renaissance Agency, Japan Housing Finance Agency, Japan Federation of Architects & Building Engineers Association, The Japan Institute of Architects, Japan Association of Architectural Firms, Japan Structural Consultants Association, Japan Federation of Construction Contractors, Condominium Management Companies Association, Japan Federation of Housing Organizations, Architectural Institute of Japan, The Japan Building Disaster Prevention Association, Center for Better Living, Consortium for Building Research & Development, Japan Academic Network of Disaster Reduction, Japan Bosai Platform

Program:

13:30-13:35 **Opening remarks**

MC. Koji KATAYAMA (Professor, GRIPS)

13:35-13:45 **Introductory Remarks**

Yushiro FUJII (Director, IISEE, BRI)

13:45-13:50 **Greeting**

Mr. Mitsuhiro YAO (Director, Overseas Project Division, Ministry of Land, Infrastructure, Transport and Tourism)

13:50-13:55 **Greeting**

Dr. Mitsumasa MIDORIKAWA (Former President of BRI, Former Director of IISEE)

14:00-14:40 **Keynote Speech: Lessons learned from the recent earthquake disasters and Support for earthquake resistance of buildings in various countries**

Prof. Taiki SAITO (Toyohashi University of Technology)

14:40-14:50 **Break**

15:00-15:30 **Reports from ex-participants activity in Disaster Prevention and Mitigation in Their Countries (Part 1)**

Moderator: Bunichiro SHIBAZAKI (Senior Fellow, IISEE, BRI)

Presentation (1)

Mr. Emilio VENTURA, El Salvador (Viceministro de Obras Públicas · Ministerio de Obras Públicas y de Transporte, El Salvador)

“Earthquake Disaster Management in El Salvador”

Dr. Marino PROTTI (Researcher, Observatorio Vulcanológico y Sismológico de Costa Rica, Chair of the Costa Rica National IUGG Committee)

“Development of Seismology in Central America”

15:30-15:35 **Questions and discussion**

15:35-16:35 **Reports (Part 2)**

Moderator: Tatsuya AZUHATA (Senior Fellow, IISEE, BRI)

Presentation (2)

Dr. Harsh K. GUPTA (Fellow: International Science Council (ISC), Member, Atomic Energy Regulatory Board (AERB), President, Geological Society of India, India)

“Development of Seismology in India (including the tsunami warning system in India)”

Dr. Weniza (Coordinator of Earthquake and Tsunami Mitigation, BMKG, Indonesia)

“Tsunami Early Warning System in Indonesia”

Mr. Ali Erhan YILMAZ (Head of Department, Ministry of Environment, Urbanization and Climate Change,

Republic of Türkiye)
“The 2023 Türkiye-Syria Earthquake: A Call for Urban Transformation”
Dr. Nabil MEKAOU (Mohammadia School of Engineers / Mohammed V University in Rabat · Civil Engineering Department, Morocco)
“Damage of the 2023 Morocco Earthquake and Future Measures”

16:35-16:50 Discussion

“How to promote disaster prevention and mitigation policies in developing countries in the future?”

16:50-17:00 Announcement from BRI

17:00 Closing

This symposium will be held National Graduate Institute for Policy Studies (GRIPS) (rooms 1F, A, B) and online via ZOOM (webinar) and can be viewed on PCs, tablets and smartphones (please install the ZOOM application in advance).

If you would like to attend in person, please email us at grips.sympo@gmail.com with your name, affiliation, and email address by November 29, 2024. If you would like to view the webinar, please register by December 5, 2024, via the form below or by scanning the QR code.

Application to: https://grips-ac-jp.zoom.us/webinar/register/WN_JrXo8U1QRXO7EZhQkmVWhg

Free of charge

Please note that applications will be closed when capacity is reached.

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





Subject to JSCA building structural engineer renewal evaluation points



Profile of Presenters

	<p>Dr. Yushiro Fujii (Director, IISEE, BRI)</p> <p>In 2003, he received his Ph.D. in Science from the Graduate School of Science, Kyushu University.</p> <p>After working at the Kyushu University Information Infrastructure Center and the National Institute of Advanced Industrial Science and Technology, Active Fault Research Center, he has been in charge of the Tsunami Disaster Mitigation course for the International Earthquake Engineering Training Program at IISEE, BRI since 2005. In current position since April 2024.</p> <p>He has been conducting research of earthquake source process based on tsunami data and simulations.</p>
	<p>Mr. Mitsuhiro Yao (Director, Overseas Project Division, MLIT)</p> <p>Graduated from the Department of Civil Engineering, Faculty of Engineering, University of Tokyo in 1994. Graduated from the Graduate School of Science and Engineering at Oxford University in 1996. He then joined the Planning Division of the Planning Department of the Ministry of Construction in 1996.</p> <p>In 2003, he served as second secretary at the Embassy of Japan in the People's Republic of China.</p> <p>In 2006, he was appointed Director of the Road Planning Division, Road Department, Shikoku Regional Development Bureau, Ministry of Land, Infrastructure and Transport, and later served as Assistant Director (in charge of social infrastructure) to the Director-General for Economic and Social Systems, Cabinet Office, and Director of the Nara National Highway Office, Kinki Regional Development Bureau, Ministry of Land, Infrastructure and Transport. In 2012, he was dispatched to the Asian Development Bank (Manila) (Transport Specialist, Southeast Asia Bureau).</p> <p>In 2015, he became the section chief in charge of planning and coordination at the Corporate Planning Department of the Corporate Planning Headquarters of West Nippon Expressway Co., Ltd.</p> <p>In 2016, he served as Director of the Chiba National Highway Office of the Kanto Regional Development Bureau of the Ministry of Land, Infrastructure and Transport, and in 2019, he served as Director of the Infrastructure Information and Environmental Planning Office of the Public Works Planning and Coordination Division of the General Policy Bureau of the Ministry of Land, Infrastructure and Transport, in 2020, Director of the International Affairs Office of the Planning Division of the Road Bureau of the Ministry of Land, Infrastructure and Transport, and in 2022, he served as Director of the Planning Department of the Chubu Regional Development Bureau of the Ministry of Land, Infrastructure and Transport.</p> <p>He assumed his current position in 2024.</p>
	<p>Dr. Bunichiro Shibasaki (Senior Fellow, Former Director of IISEE, BRI)</p> <p>He received his PhD in Science from the Department of Geophysics, Graduate School of Science, University of Tokyo in 1993. Since 1995, he has been a researcher at the International Institute of Seismology and Earthquake Engineering of the Building Research Institute of the Ministry of Construction, a long-term overseas researcher at the Massachusetts Institute of Technology in 1998, and served as director of the International Institute of Seismology and Earthquake Engineering from 2022 to March 2024.</p> <p>His research themes include earthquake generation processes and more.</p>

	<p>Dr. Tatsuya Azuhata (Senior Fellow, IISEE, BRI)</p> <p>Completed the doctoral program at Chiba University in 1993. Joined the Building Research Institute (BRI) of the Ministry of Construction in 1993. Since 2014, he has been in charge of the International Training on earthquake engineering at the International Institute of Seismology and Earthquake Engineering (IISEE) of the BRI. During this time, he served as the director of the IISEE (2020-2021FY) and the director of the Structural Engineering division (2022-2023FY). He is currently a senior fellow at the IISEE.</p>
	<p>Dr. Mitsumasa Midorikawa (Professor Emeritus, Hokkaido Univ.; President, Japanese Society of Steel Construction; Executive Counselor, The Building Center of Japan; Former President of BRI; Former Director of IISEE)</p> <p>Graduated from the Department of Architecture, Faculty of Engineering, Tokyo Institute of Technology in 1973. Completed his doctoral course at the same university in 1979. In 1980, he joined the Building Research Institute (BRI) of the Ministry of Construction, where he engaged in research on architectural structures, particularly steel structures. Since 1989, he has contributed to the International Institute of Seismology and Earthquake Engineering, BRI. In 2000, he was involved in the development of verification methods for the announcement and enforcement of the notification on seismic isolation buildings, and received the Minister of Education, Culture, Sports, Science and Technology Award (for research achievements) in 2003. In 2005, he was appointed to a professorship of Graduate School at Hokkaido University. In 2012, he received the Architectural Institute of Japan Award (for thesis). He became the president of the Building Research Institute (National Institute of Land, Infrastructure, Transport and Tourism) in 2017. He participates as an academic in various domestic and international committees, including the Ministry of Land, Infrastructure, Transport and Tourism, and contributes to the improvement of architectural/building administration and the development of the construction field.</p>
	<p>Dr. Taiki Saito (Professor, Toyohashi University of Technology)</p> <p>His research interests include seismic evaluation of buildings and technologies for improving their seismic performance. While working at the Building Research Institute, he enthusiastically promoted overseas cooperation in the field of earthquake disaster prevention. Currently, he is conducting research on earthquake response control technology using special devices for buildings, such as seismic isolation and vibration control structures.</p>
	<p>Mr. Emilio Martin Ventura Díaz (Viceministro de Obras Públicas, Ministerio de Obras Públicas y de Transporte-MOPT, Gobierno de El Salvador) (2006-2007 <i>Earthquake Engineering Course</i>)</p> <p>Civil Engineer, Universidad Centroamericana José Simeón Cañas, El Salvador (2004). Lecturer at Universidad Centroamericana José Simeón Cañas, El Salvador (2005-2017). Master Degree in Earthquake Disaster Mitigation, National Graduate Institute for Policy Studies, Japan (2007). Director of Climate Change Adaptation and Disaster Risk Management at MOPT El Salvador (2013-2017). Master Degree in Environmental Projects, Instituto Internacional de Formación Ambiental, Spain (2016). Award-winning “JICA President Award 2021” Vice-minister of Public Works (2017-2019) (2020-2024) (2024 – at present).</p>

	<p>Dr. Marino Protti (Chair of the Costa Rica National IUGG Committee) <i>(1983-1984 Seismology Course)</i></p> <p>Master's degree in International Relations and Diplomacy, Universidad Nacional, Costa Rica (2018). Ph.D. in Geophysics, University of California, Santa Cruz. USA (1994). Researcher of the Costa Rica Volcanological and Seismological Observatory, Universidad Nacional, Costa Rica (1986-1988, 1997-2002 and 2019-). Ambassador Award by the American Geophysical Union (2022). Appointed Knight of the Order of the Star by the President of Italy (2023). Costa Rica National Academy of Sciences (Secretary from 2004 to 2018). Chair of the Costa Rica National IUGG Committee.</p>
	<p>Dr. Harsh K. Gupta (Fellow: International Science Council (ISC)) Member, Atomic Energy Regulatory Board (AERB) President, Geological Society of India, India) <i>(1966-1967 Seismology Course)</i></p> <p>He is known for discovering enormously thick crust below Himalaya and Tibet Plateau region; generating criteria to discriminate artificial water reservoir triggered earthquakes from normal earthquakes. Credited for spearheading establishment of tsunami warning system for the Indian Ocean and setting up of India's first wintering station 'Dakshin Gangotri' in record time of one Antarctic summer during 1983-84. Recently (2021) he has edited the 2nd Edition of the Encyclopedia of Solid Earth Geophysics (2050 pages, Springer).</p>
	<p>Dr. Weniza (BMKG, Indonesia) <i>(2009-2010 Tsunami Disaster Mitigation Course)</i></p> <p>Master's degree International Institute of Seismological Engineering-GRIPS, Japan (2010). Ph.D. in Geophysics, Institute Technology Bandung, Indonesia (2024). Head of Tsunami Warning Subdivision (2016-2019), Head of Tsunami Mitigation Subdivision (2019-2022), Coordinator of Earthquake and Tsunami Mitigation (2024) Chair of Indian Ocean Wave Exercise (IOWave), IOWave20 and IOWave23, IOC UNESCO ICG/IOTWMS (2020, 2023) Developer of ISO 22328-3: Guideline for the implementation of community-based early warning system for tsunami (2020)</p>
	<p>Mr. Ali Erhan Yilmaz (Head of Department, Ministry of Environment, Urbanization and Climate Change, Türkiye) <i>(2016-2017 Earthquake Engineering Course)</i></p> <p>He is a PhD candidate at Hacettepe University, Türkiye, with a focus on pre-disaster mitigation through urban transformation. He holds a Master's degree in Disaster Management from GRIPS, Japan, and a Bachelor's degree in Civil Engineering from Karadeniz Technical University, Türkiye. He served as a member of the Council of Europe's Ad hoc Committee of Experts on Buildings, representing the Republic of Türkiye from 2018-2021.</p> <p>Currently, he works for the Ministry of Environment, Urbanization and Climate Change, where he contributed to the development of cloud-based structural analysis software for existing buildings. He was also the developer of "The Principles for Seismic Risk Evaluation of Existing Buildings 2019."</p> <p>Currently, he serves a head of department under the Ministry of Environment, Urbanization and Climate Change.</p>



Dr. Nabil Mekaoui (Mohammadia School of Engineers / Mohammed V University in Rabat · Civil Engineering Department, Morocco) *(2017-2018 Earthquake Engineering Course)*

After a bachelor degree in civil engineering at the Mohammadia School of Engineers -EMI- (Morocco), Nabil MEKAOUI started locally his professional career in the private sector. His eager to have an international experience conducted him to a specialized master's degree in European civil engineering at the Ecole Nationale des Ponts et Chaussées (France), followed by a master's degree in natural disaster management at IISEE/GRIPS (Japan), and eventually a doctorate in earthquake engineering at the Toyohashi University of Technology (Japan). Nabil MEKAOUI is currently a lecturer and researcher in the civil engineering department of EMI (Morocco). His research is oriented in earthquake engineering and natural disaster management.