

Academic Forum

Organized by the Science Council of Japan

“The Future of Global Disaster Risk Reduction: Strengthening the Resilience of Megacities through Science, Technology and Innovation (STI)”

Event Overview

Date and Time	Tuesday, December 9, 2025, 10:30–17:00 (JST)
Venue	Auditorium, Science Council of Japan (7-22-34 Roppongi, Minato-ku, Tokyo)
Format	Hybrid (In-person or online via YouTube Live) Japanese/English with simultaneous interpretation
Audience	Open to all participants
Participation Fee	Free of charge
Registration	Please register via the URL or QR code https://form.cao.go.jp/scj/opinion-0346.html

Coordinators

TAKEUCHI Toru (Member, Section III, SCJ / Professor Emeritus, Institute of Science Tokyo)
TAKARA Kaoru (Associate Member, SCJ / President, National Research Institute for Earth Science and Disaster Resilience (NIED) / Professor Emeritus, Kyoto University)
TAMURA Keiko (Member, Section III, SCJ / Professor, Risk Management Office, Headquarters for Risk Management, Niigata University)

Moderator TAMURA Keiko (as above)

【Program】

10:30–10:45	Opening Opening Remarks and Introduction of the Forum TAKEUCHI Toru (as above)
10:45–11:00	Session 1: Recent Insights from Disaster Cases Keynote Lecture: “Lessons from the 2024 Noto Peninsula Earthquake and Expectations for Science and Technologies” YOSHIMURA Koki (Mayor of Anamizu Town)
11:00–11:15	Presentation: “Preparedness for Wide-Area Disasters Based on Lessons from the Noto Peninsula Earthquake and Heavy Rain Disasters” HIRATA Naoshi (Associate Member, SCJ / Professor Emeritus, The University of Tokyo) OHARA Miho (Associate Member, SCJ / Professor, Center for Integrated Disaster Information Research (CIDIR), Interfaculty Initiative in Information Studies, The University of Tokyo) TAKEUCHI Toru (as above)
11:15–11:40	Introduction of the Recommendation “Preparedness for Wide-Area Disasters” MEGURO Kimiro (Associate Member, SCJ / The Dean of Interfaculty Initiative in Information Studies and Graduate School of Interdisciplinary Information Studies, The University of Tokyo) TAKEUCHI Toru (as above) EGAWA Shinichi (Designated Associate Member, SCJ / Professor, International Research Institute of Disaster Science, Tohoku University) TATANO Hirokazu (Member, Section III, SCJ / Professor, Disaster Prevention Research Institute, Kyoto University)

11:40–11:45	Summary TAKEUCHI Toru (as above)
11:45–12:00	Q&A
12:00–13:00	Lunch Break
	Session 2: Strengthening the Resilience of Megacities Facing Catastrophic Disasters
13:00–13:15	Special Lecture: “New Urban Agenda and Disaster Risk Challenges in Asian Megacities” ISHIGAKI Kazuko (Regional Representative, UN-Habitat Regional Office for Asia and the Pacific)
13:15–13:30	Background and Overview of the Recommendation: “Science, Technology and Innovation to Strengthen Disaster Resilience in Megacities Facing Catastrophic Disaster Risks” TAKARA Kaoru (as above)
13:30–14:20	Presentation of the Recommendation OHARA Miho (as above) EGAWA Shinichi (as above) KONAMI Takahiro (Director General, Prefectural Land and Infrastructure Management Bureau, Government of Wakayama Prefecture, Japan) KURIBAYASHI Daisuke (Chief Researcher, International Centre for Water Hazard and Risk Management (ICHARM), Public Works Research Institute (PWRI)) MATSUURA Shohei (Deputy Director-General, Strategic Planning Department, National Research Institute for Earth Science and Disaster Resilience (NIED))
14:20–14:35	Q&A
14:35–14:50	Break
	Session 3: The Future of Global Disaster Risk Reduction (Lectures and Panel Discussion)
14:50–14:55	Introduction to the Panel Discussion ONO Yuichi (Associate Member, SCJ / Professor, International Research Institute of Disaster Science, Tohoku University)
14:55–15:10	Special Lecture: “Integrated Research on Disaster Risk to Support the Implementation of the Sendai Framework” Saini Yang (Executive Director, IRDR / Professor, Beijing Normal University)
15:10–16:00	Lectures: “Future Challenges of Megacity Disaster Risk Reduction Worldwide” Wei-Sen Li (Secretary General, National Science and Technology Center for Disaster Reduction (NCDR), Taiwan) Patricia Ann J. Sanchez (Professor, School of Environmental Science and Management, University of the Philippines Los Baños, Philippines) Nuraini Rahma Hanifa (Research Group Coordinator, Geohazard Risk and Resilience, National Research and Innovation Agency (BRIN), Indonesia) Ryan Lanclos (Director of National Government and Public Safety Solutions, Esri, United States) Dominik Lang (Director, Natural Hazards Division, Norwegian Geotechnical Institute (NGI), Norway)

16:00–16:45	<p>Panel Discussion</p> <p>Moderator: ONO Yuichi (as above)</p> <p>Panelists:</p> <p>TAKEUCHI Toru (as above)</p> <p>NISHIKAWA Satoru (Senior Advisor, Japan International Cooperation Agency/Tohoku University)</p> <p>Saini Yang (as above)</p> <p>Wei-Sen Li (as above)</p> <p>Patricia Ann J. Sanchez (as above)</p> <p>Nuraini Rahma Hanifa (as above)</p> <p>Ryan Lanclos (as above)</p> <p>Dominik Lang (as above)</p>
16:45–17:00	<p>Chair’s Statement</p> <p>TAKARA Kaoru (as above)</p> <p>Closing</p>

Organizer

Science Council of Japan

Co-organizers

National Research Institute for Earth Science and Disaster Resilience (NIED)

Japan Hub of Disaster Resilience Partners (JHoP)

Endorsement

Japan Academic Network for Disaster Reduction (JANET-DR)

Architectural Institute of Japan (AIJ)

Japan Society of Civil Engineers (JSCE)

Japan Association for Earthquake Engineering (JAEE)

Institute of Social Safety Science (ISSS)