



THE FUTURE OF GLOBAL DISASTER RISK REDUCTION

STRENGTHENING THE RESILIENCE of MEGACITIES THROUGH SCIENCE, TECHNOLOGY & INNOVATION

開会あいさつ

Opening Remarks and Introduction of the Forum

学術フォーラム

「世界の防災の未来：災害の経験をふまえたメガシティの防災力強化に向けた科学技術イノベーション」

Academic Forum

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

竹内 徹

Toru Takeuchi

Institute of Science Tokyo

学術フォーラム「世界の防災の未来：災害の経験をふまえたメガシティの防災力強化に向けた科学技術イノベーション」

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

開会挨拶、趣旨説明 竹内 徹（日本学術会議第三部会員／東京科学大学名誉教授）

Opening Remarks and Introduction of the Forum, TAKEUCHI Toru (Member, Section III, SCJ / Professor Emeritus, Institute of Science)

【Session1】 見解：能登半島地震・豪雨災害の教訓に基づく広域地域災害への備え

Advisory Opinion: “Preparing for Wide-Area Regional Disasters Based on Lessons from the 2024 Noto Peninsula Earthquake and Heavy Rain Disaster”

- 基調講演：能登半島の教訓と学術への期待 吉村 光輝 (石川県穴水町 町長)

Keynote Lecture: “Lessons from the 2024 Noto Peninsula Earthquake and Expectations for Science and Technologies, YOSHIMURA Koki (Mayor of Anamizu Town)

- 見解の背景と主旨：Background and Purpose of the Advisory Opinion
- 見解の概要：Overview of the Advisory Opinion

【Session2】 提言：壊滅的災害が想定されるメガシティの防災力強化に向けた科学技術イノベーション

the Recommendation: “Science, Technology and Innovation to Strengthen Disaster Resilience in Megacities Facing Catastrophic Disaster Risks”

- 特別講演「New Urban Agendaとアジア・メガシティの防災課題」石垣 和子（UN-Habitat Regional Office for Asia and the Pacific 本部長）

Special Lecture: “New Urban Agenda and Disaster Risk Challenges in Asian Megacities”, ISHIGAKI Kazuko

- 見解の背景と主旨：Background and Purpose of the Advisory Opinion
- 見解の概要：Overview of the Advisory Opinion

【Session3】 パネルディスカッション：世界におけるメガシティの防災課題と今後

Panel Discussion: The Future of Global Disaster Risk Reduction

特別講演：「仙台枠組の実施を支援する災害リスクに関する統合研究」 Saini Yang（Executive Director, Integrated Research on Disaster Risk (IRDR), Professor, Beijing Normal University)

Special Lecture: “Integrated Research on Disaster Risk to Support the Implementation of Sendai Framework

Panel Discussion

- 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 Norway)
- TAKEUCHI Toru (as above)
- NISHIKAWA Satoru (Senior Advisor, Japan International Cooperation Agency / Tohoku University)
- Saini Yang (as above)

Coordinator, ONO Yuichi (Associate Member, SCJ / Professor, International Research Institute of Disaster Science, Tohoku University)