WORLD SCIENCE FORUM BUDAPEST

Science and Technology for Disaster Risk Reduction

Organized by
Science Council of Japan and the Royal Society
with advice from UNESCO SC/EES/EGR

OUR PRESENT STATUS

- Human factors such as globalization, population growth, poverty, urbanization and changes in land use are aggravating negative consequences of natural hazards. The losses are increasing in both developed and developing countries.
- In this inter-connected world, the impact of an event immediately crosses borders and can lead to cascading consequences, even to geographically remote areas.
- Although we have increased scientific knowledge and technology, we have not been successful in demonstrating concrete methodologies for disaster risk reduction and in convincing those who are not familiar with disaster risk.
- In pursuit of human security, we need to consolidate sustainable development, disaster risk reduction and climate change mitigation and adaptation.

Key Questions

- 1. How can we promote inter-disciplinary research on disaster risk reduction? We would identify the barriers and ways for getting over them.
- 2. How can we realize the SDGs through the way for disaster risk reduction? We would identify model cases and summarize our concept.

PRESENTATIONS

- 1. Professor Takashi ONISHI, President, Science Council of Japan and President, Toyohashi University of Technology: "The Contribution of Science and Technology to Disaster Risk Reduction -What should we learn the past experiences?"
- 2. Professor Hugo ROMERO, Department of Geography, University of Chili: "Disaster Risk Reduction and Challenges for Internationally Applied Research in Latin America"
- 3. Professor Paul Bates, University of Bristol and Royal Society Working Group Member: "End-to-end scientific support for Disaster Risk Reduction"
- 4. Professor Susan L. Cutter, Department of Geography,
 University of South Carolina: "The Role of Integrated Science for Disaster Risk Management Policy and Practice"

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