

## *IRDR-Japan National Committee Report 2013/2014*

IRDR-J is established in the Science Council of Japan (SCJ covers both ICSU and ISSC)

IRDR-Subcommittee

Mainly consists of SCJ members (academia).

IRDR-Policy Subcommittee

Members are from central/local governments, international development agencies, NGOs, etc.

“**Large Scale Research Program on IRDR**” was selected as a special priority research project (27 projects were selected from all sectors in Japan).

SCJ will hold “**Tokyo Conference on International Study for Disaster Risk Reduction and Resilience**” in January 2015.

Co-hosted by UNISDR, IRDR, and University of Tokyo

“**WCDRR preparation committee of GOJ**”

Takashi ONISHI, Chair of SCJ

Haruo HAYASHI, Vice Chair of IRDR-J

were appointed committee member.

## TRANS-DISCIPLINARY APPROACHES OF IRDR-JAPAN “Policy Sub-Committee, IRDR-J”

- \* Councilor (Disaster Reduction Planning), Cabinet Office of Japan,<sup>4)</sup>
- \* Councilor, Civil Protection and Disaster Management Department, Fire and Disaster Management Agency,<sup>4)</sup>
- \* Director, Earthquake and Disaster-Reduction Research Department, Research and Development Bureau, Ministry of Education, Culture, Sports, Science and Technology<sup>4)</sup>
- \* Director, Planning Department, Water and Disaster Management Bureau, MLIT<sup>4)</sup>
- \* Director General, Global Environment Department, JICA<sup>4)</sup>
- \* Senior Disaster Risk Management Specialist, World Bank<sup>4)</sup>
- \* Principal, ICHARM (Former Chief Secretariat of United Nations Secretary General's Advisory Board on Water and Sanitation) (Mr. Kenzo HIROKI)<sup>4)</sup>

## TRANS-DISCIPLINARY APPROACHES OF IRDR-JAPAN “Tokyo Conference Sub-Committee”

- \* Councilor (Disaster Reduction Dissemination), Cabinet Office of Japan↵
- \* Director, International Relations Department, Water and Disaster Management Bureau, MLIT↵
- \* Executive Director, Water Agency of Japan (Mr. Satoru NISHIKAWA)↵
- \* Principal, ICHARM (Former Chief Secretariat of United Nations Secretary General's Advisory Board on Water and Sanitation) (Mr. Kenzo HIROKI)↵

# Draft Agenda

## Day 1 (Wednesday, 14 January)

High Level Panel Session

*Report: Takeshi Onishi, SCJ President*

*Moderator: Margareta Wahlström, UN ISDR UN Special Representative*

Opening Ceremony

*Keynote: Han Seung-Soo, UN Special Envoy*

*Gordon McBean, ICSU President*

“Recovery from the Great East Japan Earthquake (GEJE) and Tsunami”

*Report: Makoto Iokibe, Chair, GEJE Reconstruction Conference*

## Day 2 (Thursday, 15 January)

“**Inter-Disciplinary Study Approach for Disaster Risk Reduction**”

“Trans-Disciplinary Study Approach for Disaster Risk Reduction”

“Coordination with Environmental and Health”

Poster View

## Day 3 (Friday, 16 January)

Panel Discussion on “**Tokyo Recommendation**”

Closing Session

Excursion

# Tokyo Recommendation (*draft bullets*)

Towards a new science and technology  
to consolidate disaster risk reduction and sustainable development

## Our key directions for addressing problems through solidarity towards building resilience

- Policy-makers and practitioners should be **fully aware of the latest scientific knowledge on disasters**, and be capable of utilizing those scientific findings.
- National platforms should **be empowered as focal fora** to incorporate science and technology into real practice.
- Science should play an important role in disaster risk reduction by developing collaborative frameworks with Earth environmental sciences and global Earth observations, thus **promoting inter- and trans-disciplinary approaches** for human well-being.
- National and local governments should **improve their preparedness** for better response and better recovery of households and communities.

# Tokyo Recommendation (*draft bullets*)

Towards a new science and technology  
to consolidate disaster risk reduction and sustainable development

## Our findings and recommendation

- We need to adopt a common methodology on **data collection and economic analysis** of disasters which can be practiced by national platforms to realize evidence-based policy making on disaster risk reduction to be practiced globally.
- We need to enhance **numerical pre-assessments** of damage by various hazards based on inter-disciplinary knowledge to formulate preventive policies and strategies.
- We need to fully share these valuable “**best practices**” of disaster risk reduction that are based on scientific findings.

# Tokyo Recommendation (*draft bullets*)

Towards a new science and technology  
to consolidate disaster risk reduction and sustainable development

## Our proposals for concrete initiatives to be taken in cooperation with national and international stakeholders

- **Governments** need to empower national platforms so that they can practice evidence-based disaster risk reduction for sustainable development.
- **The science community** needs to enhance forecasting and visualization capabilities of new risks and their potential social impacts in order to prevent further disasters due to intensification of hazards.
- **The disaster management community and the Earth observation community** need to collaboratively enhance their capability to monitor existing risks and their social impacts and to mitigate disasters due to augmentation of vulnerabilities.
- **IRDR and Future Earth** need to bring practitioners and researchers together in collaborative efforts to improve disaster resilience.
- **The international community** needs to set up a process of encouraging existing and future programs and initiatives to create research networks and practices for promoting evidence-based disaster risk reduction for sustainable development.