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**UNISDR Science and Technology Conference
on the implementation of the Sendai Framework for Disaster Risk Reduction 2015-2030**

**Launching UNISDR Science and Technology Partnership and
The Science and Technology Road Map to 2030**

To promote and support the availability and application of science and technology to decision-making in
Disaster Risk Reduction

**27-29 January 2016
Geneva International Conference Centre**

Concept Note

Purpose

The outcome of the conference is to launch the UNISDR Science and Technology Partnership for the implementation of the Sendai Framework and to discuss and endorse the UNISDR Science and Technology Road Map. The Science and Technology Road Map will define the expected outcomes of the science and technology work under each of the four Sendai Framework priority areas of actions and the ways to monitor progress and needs.

Target participants

The conference brings together the full diversity of science and technology community, policy makers, practitioners and researchers from all geographical regions, at local, national, regional and international levels to discuss how the science and technology community will support the implementation of the Sendai Framework for Disaster Risk Reduction 2015-2030.

Commitments expected to be achieved

The implementation of the Sendai Framework needs a stronger dialogue and collaboration of the policy-makers, practitioners and researchers science and technology community from all geographical regions, at local, national, regional and international levels to identify knowledge gaps, co-design and co-produce knowledge, and make science more readily available and accessible to support practical DRR.

The Sendai Framework calls to “enhance the scientific and technical work on disaster risk reduction and its mobilization through the coordination of existing networks and scientific

research institutions at all levels and in all regions, with the support of the United Nations Office for Disaster Risk Reduction Scientific and Technical Advisory Group”

The principal **goal** of the UNISDR Scientific and Technical Partnership and its Advisory Group (STAG) is to provide the scientific and technical expertise for the implementation of the Sendai Framework.

The scope and functions of this work is defined in the Sendai Framework under its paragraph 25g as *to strengthen the evidence-base in support of the implementation of this framework; by Promote scientific research of disaster risk patterns, causes and effects; Disseminate risk information with the best use of geospatial information technology; Provide guidance on methodologies and standards for risk assessments, disaster risk modelling and the use of data; Identify research and technology gaps and set recommendations for research priority areas in disaster risk reduction; Promote and support the availability and application of science and technology to decision-making; Contribute to the update of the 2009 UNISDR Terminology on Disaster Risk Reduction; Use post-disaster reviews as opportunities to enhance learning and public policy; and disseminate studies.*

To meet the Sendai Framework, the scientific and technical communities committed at the Third UN World Conference on Disaster Risk Reduction held in Sendai on March 2015 to establish a partnership of science and technology, by mobilizing relevant institutions, networks and initiatives to share and develop the assessment, synthesis, science advice, monitoring and review, capacity development, and communication and engagement initiatives identified in the Science and Technology Road Map.

Expected outcomes of the conference

Critically appraising and endorsing the UNISDR Science and Technology Road Map to promote and support the availability and application of science and technology to decision-making in Disaster Risk Reduction for implementation of the Sendai Framework:

- Ensure that the users of science requirements and needs are met in the UNISDR Science and Technology Road Map
- Discuss and agree on the work methods for the UNISDR Science and Technology Partnership to support the Science and Technology Road Map for the implementation of the Sendai Framework. The Partnership will undertake the “assessment, synthesis, science advice, monitoring and review, capacity development, and communication and engagement” initiatives from the science and technology community and other stakeholders identified in the Science and Technology Road Map.
- Agree, commit to, and be responsible for, concrete initiatives to support a comprehensive, multi-disciplinary evidence-based approach for DRR policy options and interaction with decision-makers at all levels.
- Discuss research and capacity development agendas and resources for the initial UNISDR Science and Technology Road Map in support to the implementation of the Sendai Framework.
- The advisory group STAG will guide with the Partnership the implementation of the initial work plan for the scientific, policy, and practitioner communities by identifying immediate and urgent tasks.