

United Nations  Nations Unies

OFFICE FOR DISASTER RISK REDUCTION • BUREAU POUR LA REDUCTION DES RISQUES DE CATASTROPHES
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10 September 2018

Dear Dr. Bauer,

It is with pleasure that I endorse the ExtremeEarth Flagship proposal (FETFLAG-01-2018). The UN Office for Disaster Risk Reduction (UNISDR) supports this project which, if implemented, would make a significant contribution to the realization of the outcome, goals and targets of the Sendai Framework for Disaster Risk Reduction 2015-2030 (Sendai Framework), which was adopted by the Third UN World Conference on Disaster Risk Reduction on 18 March 2015 in Sendai, Japan. The Sendai Framework is a 15-year voluntary, non-binding agreement that maps out a broad, people-centred approach to understanding and managing risk in the context of sustainable development.

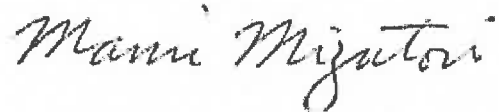
High-precision modelling and simulation, including the necessary data integration that enable an in-depth understanding of hazards, the effects of climate change and their dynamic interactions with systemic risk, are essential to understanding and identifying sustainable pathways in the 21st century. Simulation accuracy and the transmission of relevant and accessible risk information is the basis for governments and communities to better understand and anticipate the potential impact of hazards and allow informed decision-making that facilitates risk reduction and avoids risk creation and propagation thereby increasing resilience.

UNISDR, in collaboration with partners, has recently embarked on the development of the Global Risk Assessment Framework (GRAF), which brings together probabilistic risk modeling, risk assessment, early warning and other risk information outputs, to provide tools and products that support risk analysis and risk-informed decision-making at all scales. The GRAF will be launched at the Global Platform for Disaster Risk Reduction in May 2019 and will be further developed in the years ahead, to support the realization of the goals and targets of the Sendai Framework and the 2030 Agenda for Sustainable Development. The better physical representation of key earth systems processes, at higher resolution, and more accurate global Earth System and Climate modelling proposed by the ExtremeEarth Flagship, is in alignment with the fundamental principles of, and will make a powerful contribution to, the Global Risk Assessment Framework; the products of which could in turn benefit the ExtremeEarth Flagship project.

Dr Peter Bauer
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We look forward to collaborating with the ExtremeEarth Flagship project, assisting the positioning of its outcomes with the demands of decision-makers for improved risk information and analysis, and strengthening the outputs of the Global Risk Assessment Framework. This endorsement of the Flagship candidate project ExtremeEarth implies that we support the scientific, technological and planned objectives proposed therein but does not imply any legal or financial commitments towards it.

Yours sincerely,

A handwritten signature in black ink that reads "Mami Mizutori". The signature is written in a cursive, flowing style.

Mami Mizutori
Special Representative of the Secretary-General
for Disaster Risk Reduction