

# Disaster Risk Reduction: The role of geological survey organizations in understanding risk and informing risk reduction actions

Organized by the World Community of Geological Surveys, the Global Earthquake Model Foundation, the Geological Survey of Canada, and GNS Science (New Zealand).

Facilitated by Sage On Earth Consulting  
and hosted by the American Geosciences Institute

Geological Survey Organizations (GSOs) play a critical role in understanding geo-hazards and risks as a required component for designing and implementing disaster risk management policies and programs. This forum will provide three virtual workshops to support the exchange of information among executives and senior managers on the role of GSOs in Disaster Risk Reduction (DRR) at a National Level. The forum will provide a high level overview of the role of GSOs in disaster risk reduction, including strategies, awareness of and advocacy on hazards and risks, financial risk management, building codes, and early warning systems. The forum will also provide an overview of the range of national inter-institutional governance structures within which GSOs function, in the context of national level DRR and climate change adaptation policy settings. Speakers will discuss the common challenges and opportunities for effective use of hazard and risk assessments in national DRR policies, investments, and programs, identify gaps and enablers for enhancing the role of GSOs in DRR, and evaluate how the focus and investments in climate adaptation can be a threat but also an opportunity for enhancing geo-risk awareness and resilience measures.

The forum will be hosted as a set of three sessions, with each regional forum featuring pre-recorded lectures from science policy experts and geoscientists and a live moderated discussion session with attendees. All sessions will be conducted in English with live captioning in French, Spanish, Portuguese, Russian, Modern Chinese, and Arabic.

Please contact Sahar Safaie at [sahar.safaie@sageonearth.ca](mailto:sahar.safaie@sageonearth.ca) with any questions about this forum.

## **Part I: Enablers: Mechanisms that facilitate GSO's role in disaster risk reduction**

06 February 2023 13.00 - 16.00 GMT

## **Part II: Science and Technology: Advancing methods, tools, and capabilities in hazard and risk assessment**

13 February 2023 16.00 - 19.00 GMT

## **Part III: Disaster Risk Reduction Goal: GSOs roles in awareness and advocacy, enhancing building codes, early warning systems, and resilience planning**

20 February 2023 03.00 - 06.00 GMT

**For more information, including registration details, please visit:**  
[www.americangeosciences.org/webinars/disaster-risk-reduction-forum-2023](http://www.americangeosciences.org/webinars/disaster-risk-reduction-forum-2023)

