Geo-led Horizon Scanning Programme for Disaster Risk Reduction (DRR): A New Insight into 2030 Global Vision

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SUMMARY

This talk explores a new, joined-up approach to horizon scanning characterized by modern and advanced geospatial technology to help inform current policy making in disaster risk reduction and management. It urges the need for geo-smart innovation and cross-sectoral partnership to strengthen science-based decision making. Geo-led solutions, which promote a collaborative, data-driven and evidence-based is a way forward to reduce current disaster risk and prevent new, emerging risk. This session also promotes a Transdisciplinary Approach (TDA) for building societal resilience to disaster in a changing climate. Collective action by our profession is critical to support targets and goals underlying Sendai Framework for Disaster Risk Reduction 2015-2030 and 2030 Agenda for Sustainable Development.

He is currently a Co-Chair of Climate Change and Disaster Risk Reduction Working Group, Global Young Academy, the voice of young scientists around the world. He is a senior lecturer at Razak Faculty Technology and Informatics, and also a full research member to the Disaster Preparedness and Prevention Center (DPPC), Malaysia-Japan International Institute of Technology, Universiti Teknologi Malaysia (UTM) Kuala Lumpur. He received a PhD from Utrecht University, Faculty of Geosciences, the Netherlands, with cooperation of Faculty of Geoinformation Science and Earth Observation, University of Twente, United Nation University (UNU) Disaster Risk Management (DRM) Centre for Spatial Analysis and Risk Management.
