



ID: J09

Type: Panel discussion

## among monitoring systems to address hazard mitigation and global challenges

*Friday, 2 July 2021 11:20 (1h 10m)*

This panel will discuss existing or potential synergies between the CTBT and International Organizations and Agencies to address global challenges, disaster risk prevention and mitigation of natural hazards. From the CTBTO's perspective, these synergies are envisioned in the form of International Monitoring System (IMS) data contribution to institutions that utilize data fusion platforms in order to enhance their mission. Initially, the CTBTO provided data to tsunami warning centres (the CTBTO now has a total of 18 tsunami warning agreements in 17 countries). In recent years the scope of this concept was broadened to include earthquake monitoring, volcano eruption monitoring for aviation and maritime safety, underwater acoustic anomalies monitoring, extreme weather events and phenomena, as well as detection of radioactive emission(s) and its dispersion to warn and protect citizens. The objectives of such monitoring systems are in-line with global challenges and the goals outlined in the United Nations' Sustainable Development Goals (2030 Development Agenda), the Paris Climate Agreement, and the Sendai Framework on Disaster Risk Reduction. These links will be addressed in the panel.

### Promotional text

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