Technical Expert Forum 2022

Tracking of hazardous events and disaster losses and damages – Reflections & Outlook

29-30 November 2022, Bonn
Key issues and outlook

- DesInventar – good starting point but need to ‘build-off’ it
  - System to institutionalize hazardous event and impact data collect on a continual basis

- Use cases of data on hazardous events and disaster losses and damages
  - Incentives for data collection and analysis
  - Connecting data collection and analytical products with the end use
  - Existing data: Repurposing and connecting

- Data standards and methodologies
  - Terminologies; Sendai Framework Monitor, Hazard classification; DaLA/PDNA
  - Analysis for economic valuation
  - Interoperability; metadata standards
  - Tracking compounded and cascading events?
  - Too many assessments? Who coordinates?

- Data governance – mandates, roles and responsibilities for data management, data sharing requirements
Key issues and outlook

- Data sharing and collaboration – breaking “data silos”
  - Horizontal: Inter-departmental – SOPs and regulatory basis? NMHS-NDMO coordination
  - Vertical: Issues with federal structure
  - Private sector
  - Civil society

- Data quality
  - Disaggregation
  - Inclusiveness and completeness
  - How to ensure data quality across countries?

- Technology and communication:
  - Mobile-based data collection; Use of social media
  - Digitalisation of records
  - Standard but customizable platforms

- Data security

- Capacity gaps, especially at the local levels
Way Forward

▪ What is still missing (rather than doing more of what we are doing)?
▪ What are the good practices being pursued by countries and international organisations?

→ Harness the renewed understanding to:
  • Co-create a new generation model, customizable to countries
  • Provide context-specific (and aligned with data & digital maturity) technical assistance to countries
  • Strengthen adaptive governance to ensure data informs action
Thank you