GCOS
GLOBAL CLIMATE OBSERVING SYSTEM

SESSION 4 DISCUSSION: PART 1

QUESTIONS

- What are/ought to be the roles of the IAV (Impacts, Adaptation & Vulnerability) research community, development programmes, & public & private climate services in helping to secure & sustain coordinated global climate observational networks?
- How to model & account for cascading risks & risks dynamics within regional/national assessments & monitoring tools? How to improve the applicability of climate risk assessments for DRR & community planning re: specific tools, early warnings, & environmental assessments?
- Should we consider an official custodian for the extremely valuable digital library of Earth generated by 40+ years of satellite data collection?

CHALLENGES

- To integrate across the diversity of observational data to construct common information products that are open access, represent a derived best estimate, spatially continuous, quality controlled, quantified uncertainty, & most importantly are aligned to the scale & attribute needs of priority user communities
- Improving methodology for developing risk profiles, monitoring /dynamics of risks, & evaluating & assessing different adaptation measures & their risk reduction potential.
- To make all climate data accessible & usable to other scientific disciplines, including how to integrate with non-climate data (e.g. socioeconomic, health, etc.)

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SESSION 4: IPCC AR5 LEAD AUTHOR, CHAPTER 14

- What types of climate information are needed for climate-proofing development & to inform financing decisions?

- Availing & communication the needed climate information to inform decision at the project/program level, to different stakeholder groups.