

Earth Information Day 2021

Dialogue Session – Theme 2:

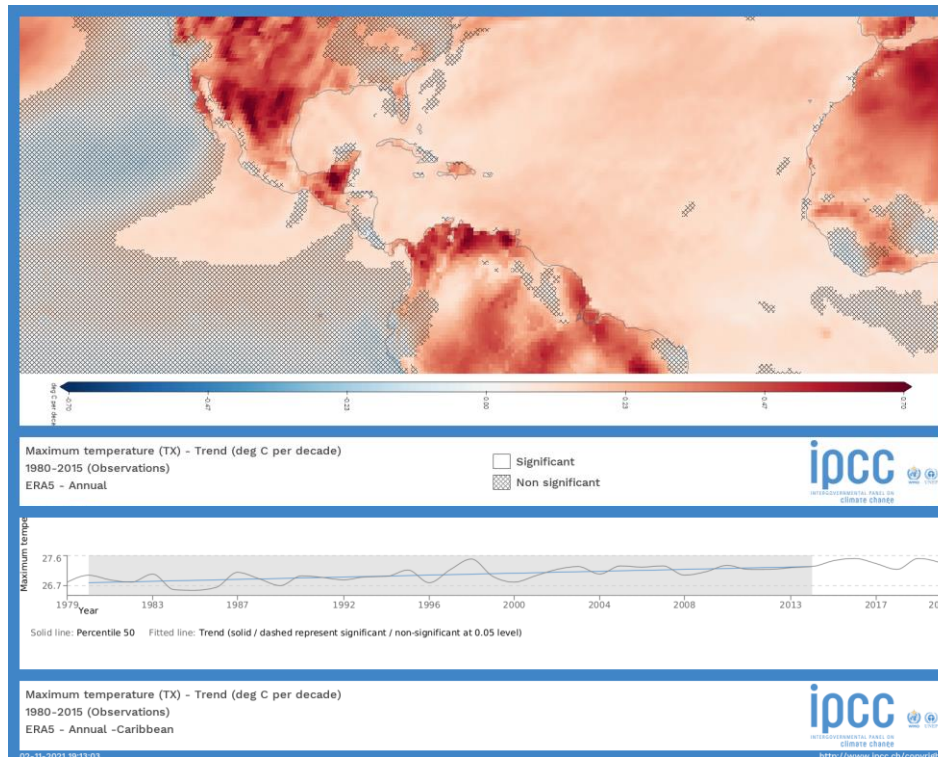
Interpreting Earth observations for implementing the Paris Agreement - developments, opportunities and challenges

Antigua and Barbuda on behalf of AOSIS

Arry Simon
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The need for accessible high-quality regional observational data

- Small island states are most vulnerable to climate impacts. Observations are key to assess, for example, Loss & Damage and inform the stocktake of progress towards the Paris Agreement goals
- Adequate monitoring of observed changes and impacts requires regional observational networks, data and modelling capabilities
- Scientific bodies like the IPCC are increasingly providing valuable scientific information but more regional and local data and capacities are needed



*IPCC AR6 Working Group I
Interactive Atlas*

Regional challenges, capacity building needs

- Technical challenges include limitations in observational networks, regional downscaling and modelling infrastructure
- Overarching issues include limited resources, sustainability concerns, data exchange, planning and staff retention.
- More funding, capacity building and support on the regional and local level, e.g. via WMO GBON and SOFF initiatives, are needed

