

Technology and innovation for improving disaster risk knowledge

GEO and UNFCCC Technology Executive Committee join forces to support EW4All

6 NOV / 1410h GMT/ UTC



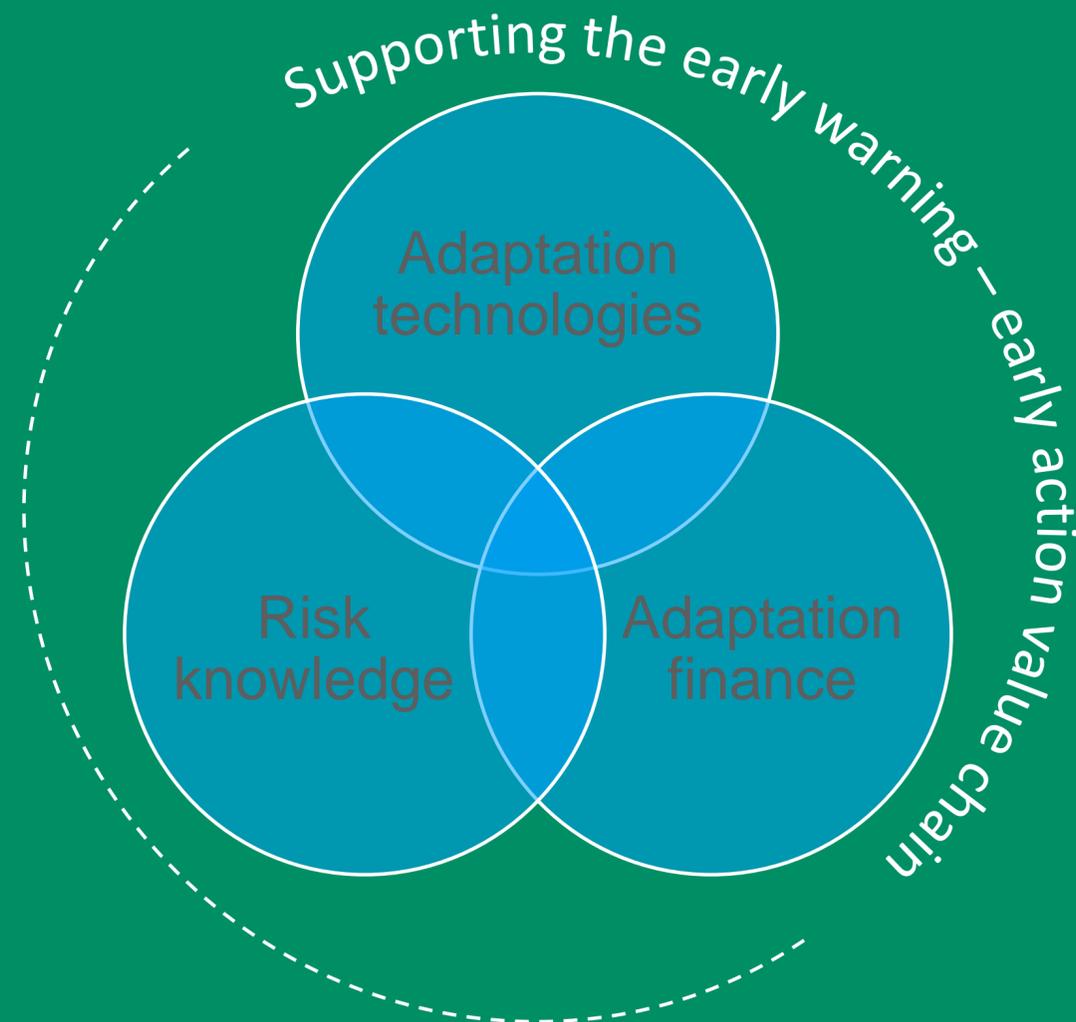
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TEC-GEO collaboration

supporting the implementation of Early Warnings for All



Early Warnings for All



Disaster risk knowledge
Systematically collect data and undertake risk assessments

- Are the hazards and the vulnerabilities well known by the communities?
- What are the patterns and trends in these factors?
- Are risk maps and data widely available?



Production of Risk Knowledge **1**



Open Access to Risk Knowledge **2**



Use of RK for EWS **3**



Monitoring of effectiveness of EWS **4**



Strengthened collaboration for RK **5**



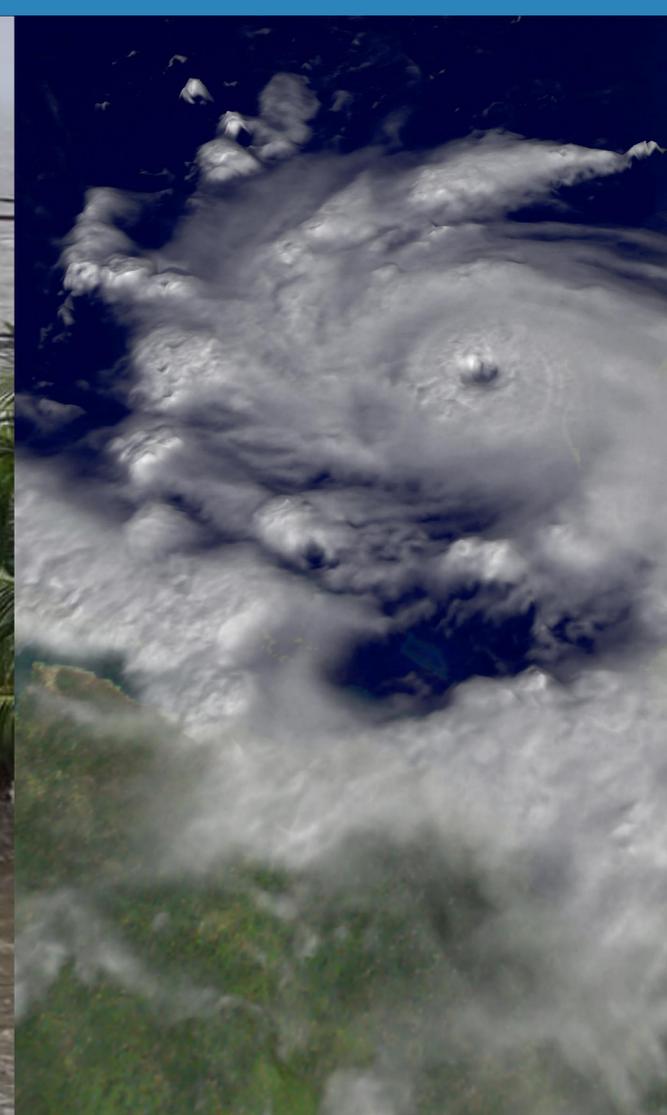
Inclusivity and Indigenous & local knowledge **6**



Innovation for Risk Knowledge **7**

Strengthening climate resilience in SIDS – The case of Belize

the role of climate information services in unlocking adaptation finance



Insights from the UNFCCC process

technology and innovation for earth observation (EO) and early warning systems (EWS)

**1/3 people
1/2 countries**

on Earth are not covered by early warning systems.

1/4 countries

have included technology measures for EO and EWS in their nationally determined contributions (NDCs) under the Paris Agreement.

~12%

of technology measures for adaptation identified through the 'technology needs assessment' process are related to EO and EWS, with largest share in the 'coastal zones' and 'agriculture' sectors.

Adaptation technologies



Hardware

Software

Orgware

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Technology and innovation for improving disaster risk knowledge to ramp-up action and support for protecting the most vulnerable in the implementation era of the Paris Agreement.

Ways to contribute

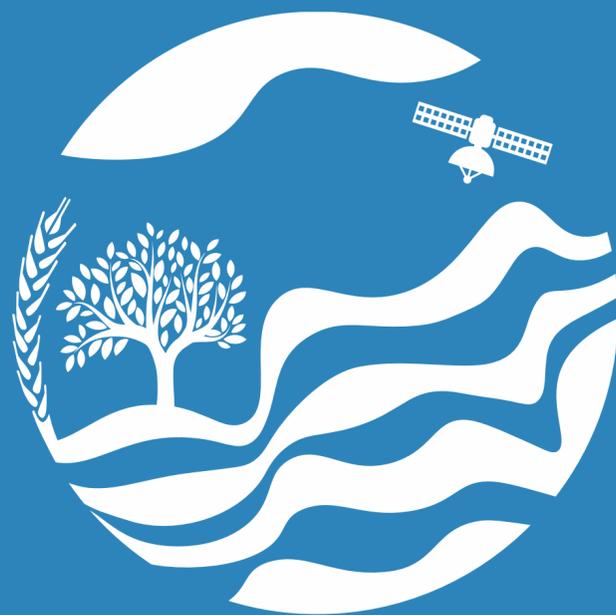
Expert review and feedback

Good practices and country experiences

EO tools and applications

+ more

#TheEarthTalks



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