

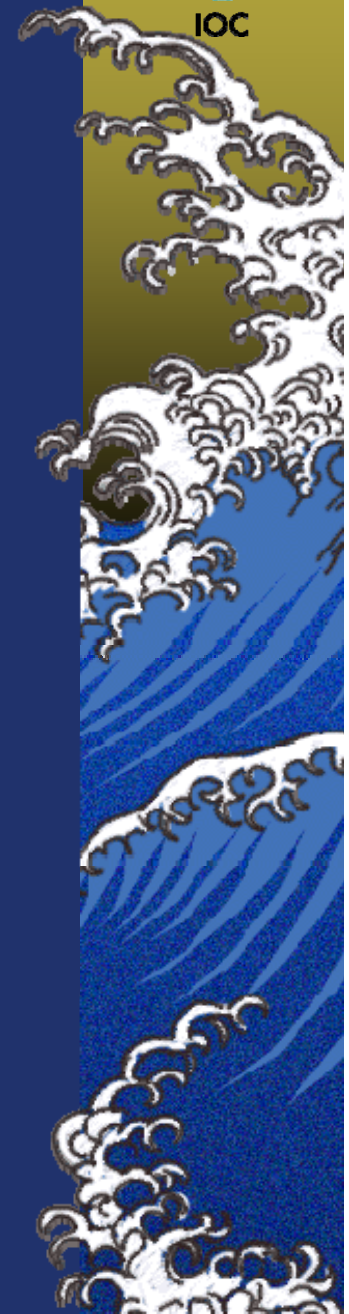


IOC

The unseen part of the post-disaster recovery process are Early Warning Systems EWSs

They have two major tasks

- **to identify, detect, verify and predict natural extrema, such as tsunamis, cyclones, earthquakes with potential implications to mankind (upstream component)**
- **to raise awareness and preparedness to react appropriately to warnings of such extreme events. (downstream component)**



Lessons learnt from the building the Indian Ocean Tsunami Warning System

- ▶ *Implementing Issues :*
- ▶ *EWSs are national systems, owned by nations and run, hopefully, to common standards and protocols. Only working closely and effectively together, national systems can contribute to protect a region.*
- ▶ *O Only a regional system, or centre, ensures appropriate regional cover. Thus it helps to minimize loss of lives and livelihood. The implementation of regional systems/centres has to be promoted, it is not at the front of governments' priorities.*
- ▶ *O Needed is a binding data policy. Data not available in time increase risks.*
- ▶ *O Needed is a common agreed governance structure*



UN Institutional and regulatory mechanism for post disaster recovery, where EWSs are either not post-disaster, or the front end of disaster management !

- ▶ *UN organizations and other partner organizations have worked closely and effectively together in building the IOTWS.*
- ▶ *The Consortium of the UN Special Envoy for Tsunami Recovery provided an effective co-ordination mechanism for seven UN Organizations. This mechanism will be used in implementing the support provided through the Consortium. The mechanism should be used as a generic tool for a country-focused definition of support to the requested, provided and implemented.*
- ▶ *There is a lack internationally established guidelines, policies, regulatory frameworks, and operational mechanisms. Good practice and good governance issues need attention. Simple governance issues for cross-border systems, their operation and their sustainability still need legally binding agreements.*
- ▶ *Any EWS that does not work is an additional risk for disaster reduction and prevention.*

