

## UN Ocean Decade Safe Ocean Laboratory Satellite Activities

Rick Bailey
Head of Secretariat
IOC-UNESCO Indian Ocean
Tsunami Warning & Mitigation
System



# UN Decade of Ocean Science for Sustainable Development: 2021 - 2030

### VISION:

The Decade will harness, stimulate and coordinate interdisciplinary research efforts at all levels, in order to support delivery of the information, action and solutions needed to achieve the UN's 2030 Agenda for Sustainable Development.

### Goals:

### Goal 1

To generate the scientific knowledge and underpinning infrastructure and partnerships needed for sustainable development of the ocean.

### Goal 2:

To provide ocean science, data and information to inform policies for a well-functioning ocean in support of all SDG-2030 Agenda.

### **SOCIETAL OUTCOMES:**

for Sustainable Development

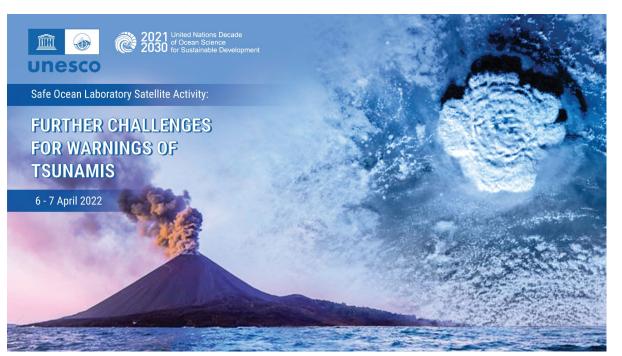
of Ocean Science

- 1. A Clean Ocean;
- 2. A Healthy and Resilient Ocean;
- 3. A Predicted Ocean;
- 4. A Safe Ocean;
- 5. A Sustainable harvested and productive ocean;
- 6. A "Transparent and Accessible" Ocean;

### Safe Ocean Laboratory Satellite Activities

Unesco
Intergovernmental
Oceanographic
Commission

- 1. Further Challenges for Warnings of Tsunamis:
  - Tsunamis generated by non-seismic and complex sources
  - >6-7 April 2022
  - Link: <a href="https://oceanexpert.org/event/3422">https://oceanexpert.org/event/3422</a>



### Safe Ocean Laboratory Satellite Activities



- 2. 100% of at-risk communities recognized Tsunami Ready
  - Examples and discussion with representatives across the ICGs
  - >5-7 April 2022
  - Link: <a href="https://oceanexpert.org/event/3420">https://oceanexpert.org/event/3420</a>



### Recommendations



- 1. Identify where in Indian Ocean where hazard of tsunamis generated by non-seismic and complex sources exists (WG1)
- 2. Implement recommendations from TOWS-WG being prepared for early 2023 with regards to monitoring and warning for tsunamis generated by non-seismic and complex sources (WG2 and TT Non-Seismic)
- 3. Community awareness and education programmes to include tsunamis generated by non-seismic and complex sources exists (WG1, WG/TT TR, IOTIC)