

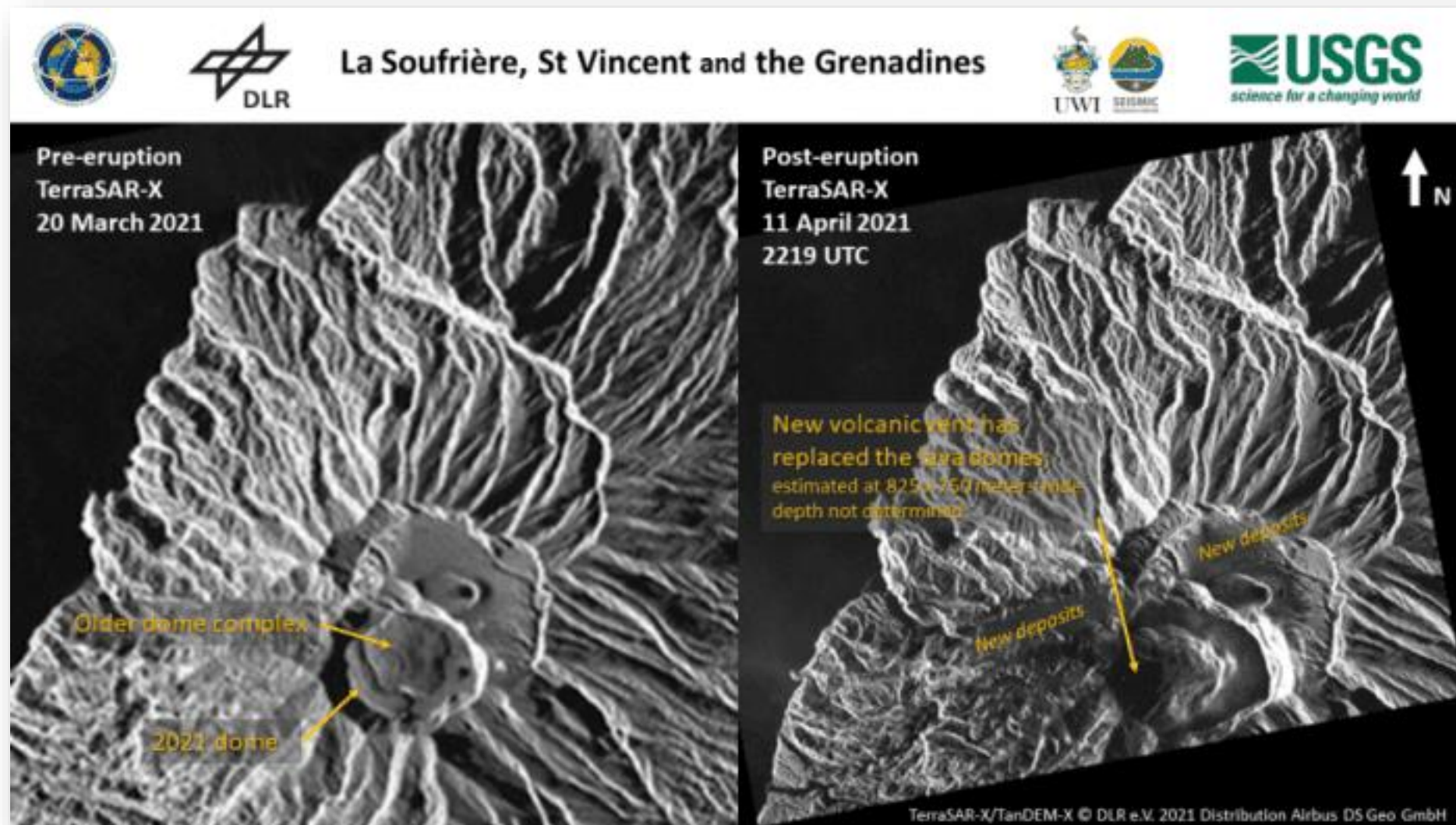
ICG/CARIBE-EWS Report

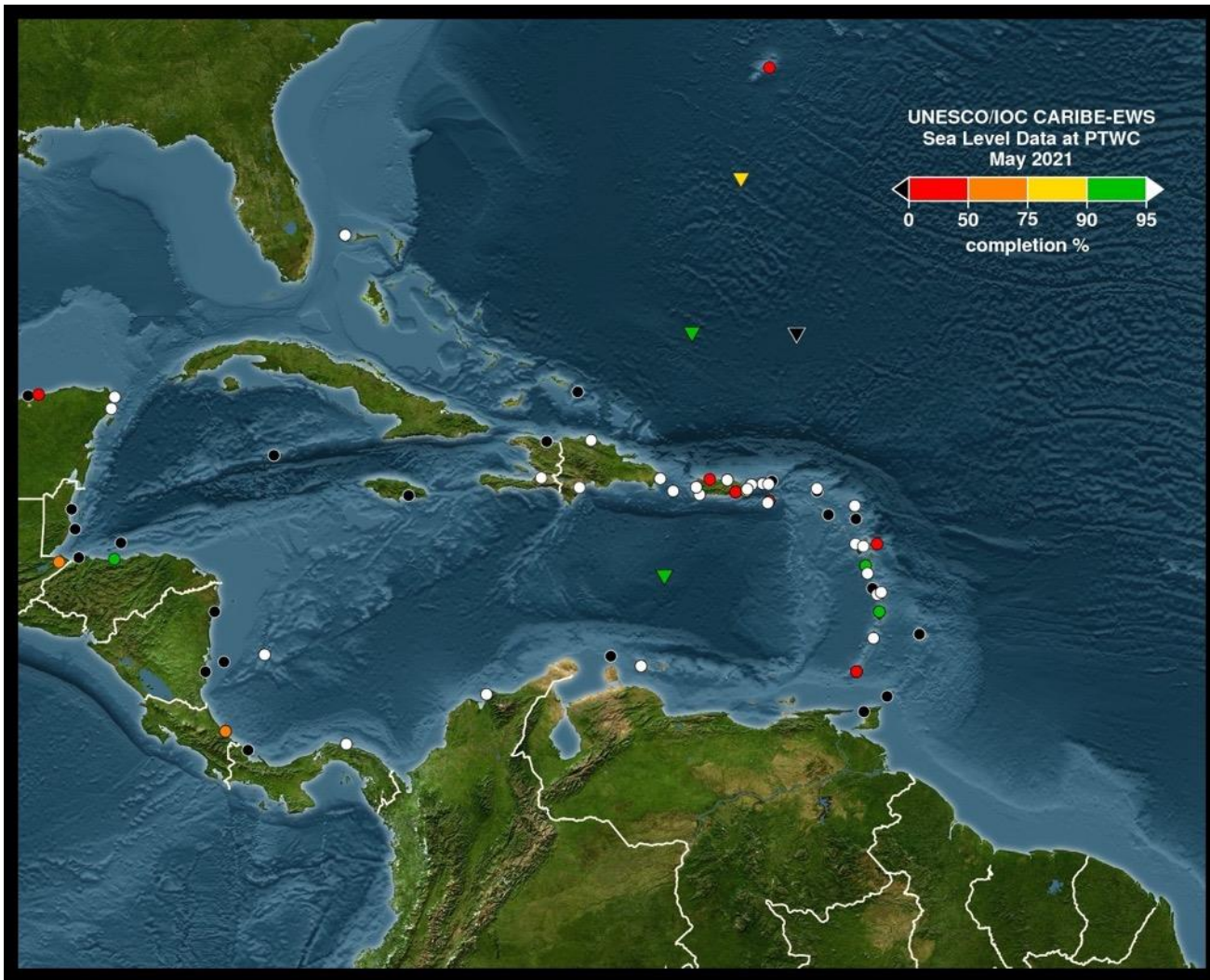
Dr.rer.nat. Silvia Chacón-Barrantes

Chair

June 2021

Volcanic activity at the Lesser Antilles





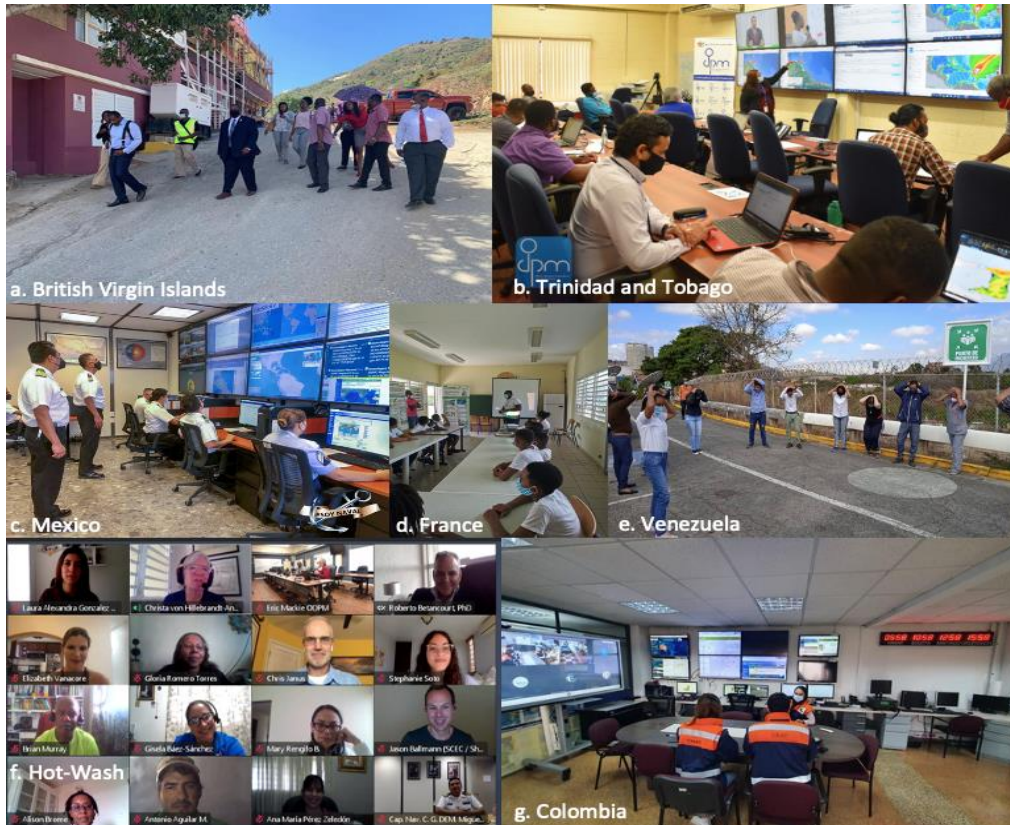
Recommended to Member States:

- to maintain their sea-level stations to an operational standard,
- to produce an assessment of potential impacts from local tsunamis for decision making
- to educate at-risk populations on the natural tsunami warning signs for their respective sources.

CARIBE WAVE 20 & 21



- CARIBE WAVE 21 was held successfully on March 11, 2021.
- **47/48** Member States and Territories participated, and a total of **333,515** people were directly engaged.



- It was left up to the Member States and Territories to determine if any additional activity would be carried out and whether to use the simulated messages for one of the two scenarios.

CARIBE WAVE 20 was held on March 19, 2020, About 102,000 participated despite pandemic restrictions started about that date in the region.

CARIBE WAVE 2022

10 March 2022

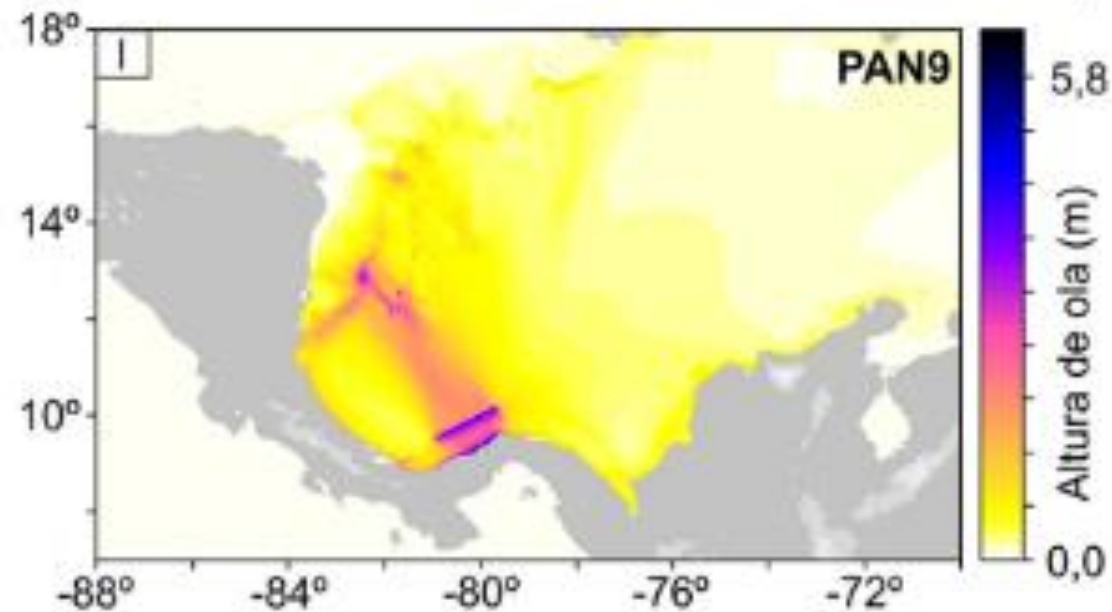
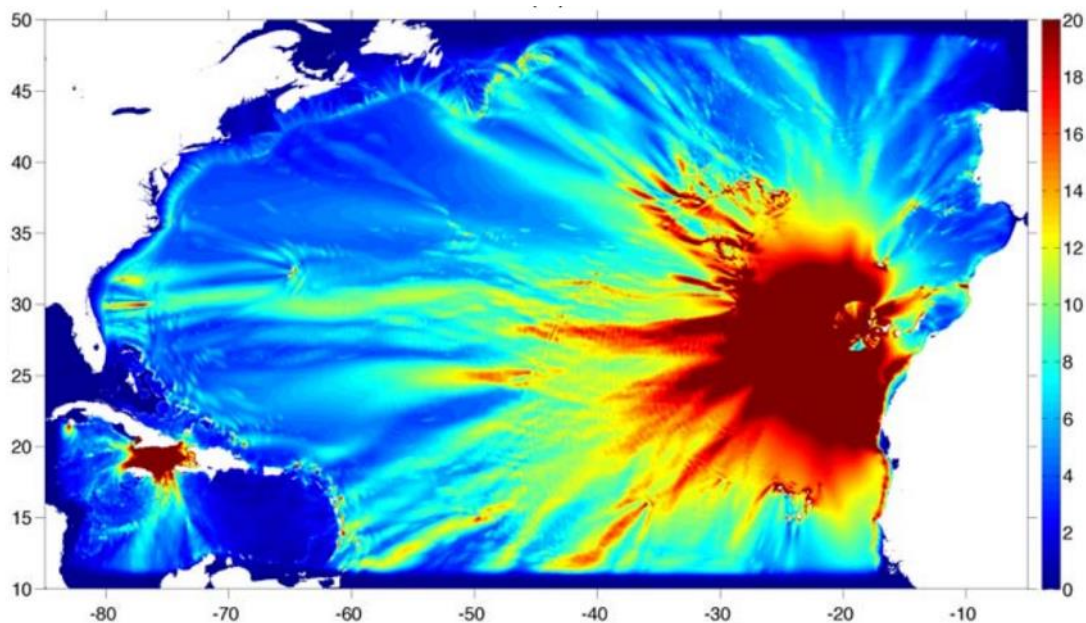
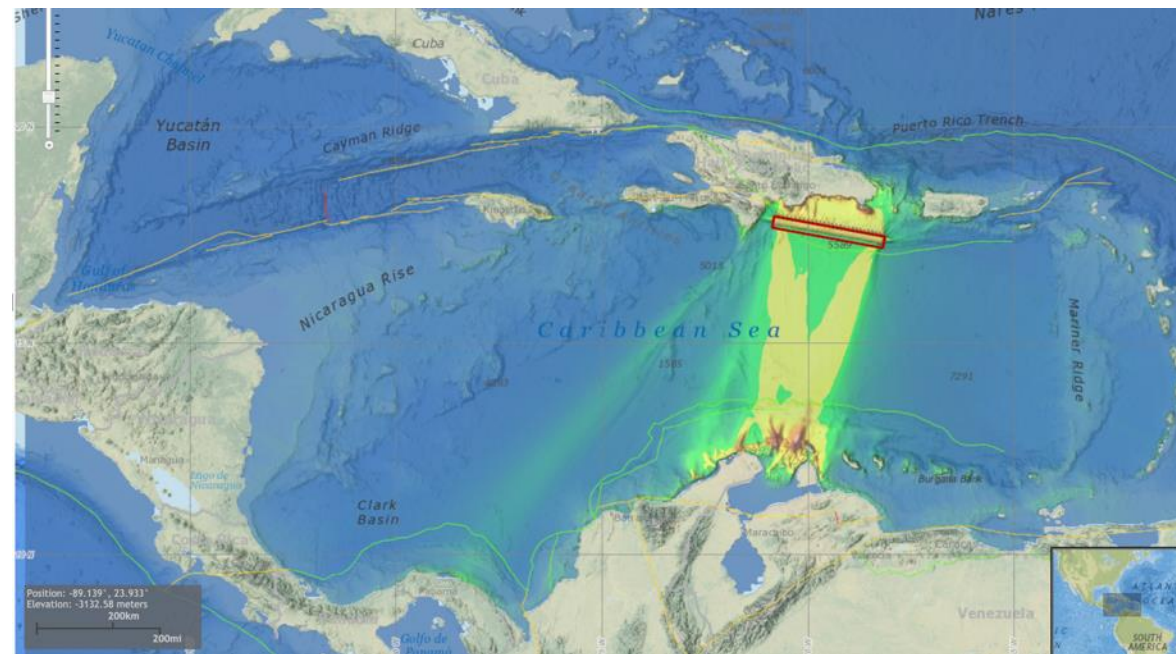


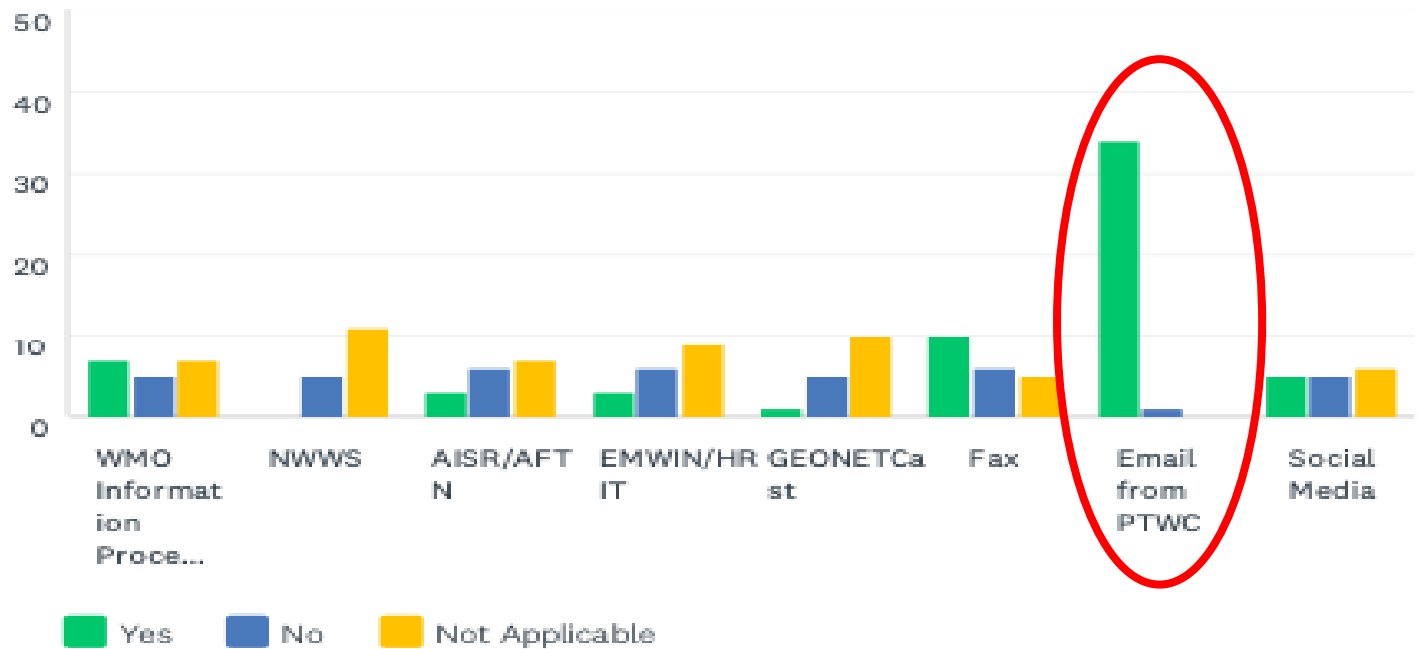
Figure 9. Maximum envelope of surface elevation (color scale in meter) computed with FUNWAVE-TVD in 1 arc-min Atlantic Ocean basin grid for the tsunami generated by the: (a) 80 km^3 ; and (b) 450 km^3 , CVV flank collapse scenarios. Axes are Long. E. (deg.) and Long. N. (deg.). [Note that both figures are plotted with a different color scale. Also note the large elevations, in both cases, west of Haiti and south of Cuba are an artifact of numerical simulations; more accurate simulations and details of the extreme CVV scenario impact in this area can be found in Grilli et al. (2015a).]



Means of communication

Q5 The PTWC issued the CARIBE WAVE 21 Dummy Message by several methods. Please check all methods through which the message was received by the TWFP/NTWC.

Answered: 36 Skipped: 0



Member States were encouraged to

- diversify their means of communication,
- commemorate World Tsunami Awareness Day on November 5th
- engage and contribute to the co-design and co-delivery of Ocean Science for Sustainable Development and the Ocean Decade Tsunami Programme

**WORLD
TSUNAMI
AWARENESS
5 NOVEMBER DAY**



**2021
2030** United Nations Decade
of Ocean Science
for Sustainable Development