





**unesco**

Intergovernmental  
Oceanographic  
Commission

32nd IOC Assembly

**ICG/CARIBE-EWS-XVI**

**G rard M tayer**  
**ICG/CARIBE-EWS Chair**  
**June 23, 2023**

# ICG/CARIBE-EWS-XVI meeting



Costa Rica, 25-28 April, 2023

19/48 MS and Territories

4 observers

- Next Meeting

May 6-10, 2024: USVI ?

Country nomination open

# New officers elected



**unesco**

Intergovernmental  
Oceanographic  
Commission



**Chair**  
**Gérard Métayer**  
(Haiti)

**Vice Chairs**  
**Regina Browne**  
(USVI)

**Marie-Noëlle Raveau**  
(France-Martinique)

**Anthony Murillo**  
(Costa Rica)

## Reports from some Member States and Territories

Barbados, Colombia, Costa Rica, Dominica, France, Guatemala, Mexico, Nicaragua, Panama, Saint Lucia, Saint Vincent and Grenadines, USA, Venezuela.

Communication and alert mechanisms. SOPs and country protocols

Re-Alignment of Working Groups. New UNESCO/IOC Tsunami Ready guidelines

Ocean Decade Tsunami Program. Current and future projects

Caribe Wave exercises. Implementation Plan. Recommendations to IOC

# Working Groups Re-Alignment/Task Team



**unesco**

Intergovernmental  
Oceanographic  
Commission

•

•

•

•

# Working Groups Re-Alignment/Task Team

## Re-Alignment with Ocean Decade and Sendai Action Framework

- ◆ WG 1: Risk Knowledge
- ◆ WG 2: Tsunami Detection, Analysis and Forecasting

Subgroup	Tsunami Source Detection, ID and Characterization
Subgroup	Tsunami Wave Detection (Sea Level)
Subgroup	Tsunami Forecasting

- ◆ WG 3: Warning Dissemination and Communication
- ◆ WG 4: Preparedness, Response Capabilities and Resilience

Subgroup	Preparedness and Response Capabilities
Subgroup	Tsunami Ready
Subgroup	Mitigation

- ◆ TT CARIBE WAVE

# Tsunami Service Providers

Pacific Tsunami Warning Center (PTWC)

- 

- 

-



# Tsunami Service Providers

Central America Tsunami Advisory Center (CATAC)

•

•

•

•

# Caribbean Tsunami Information Center (CTIC)

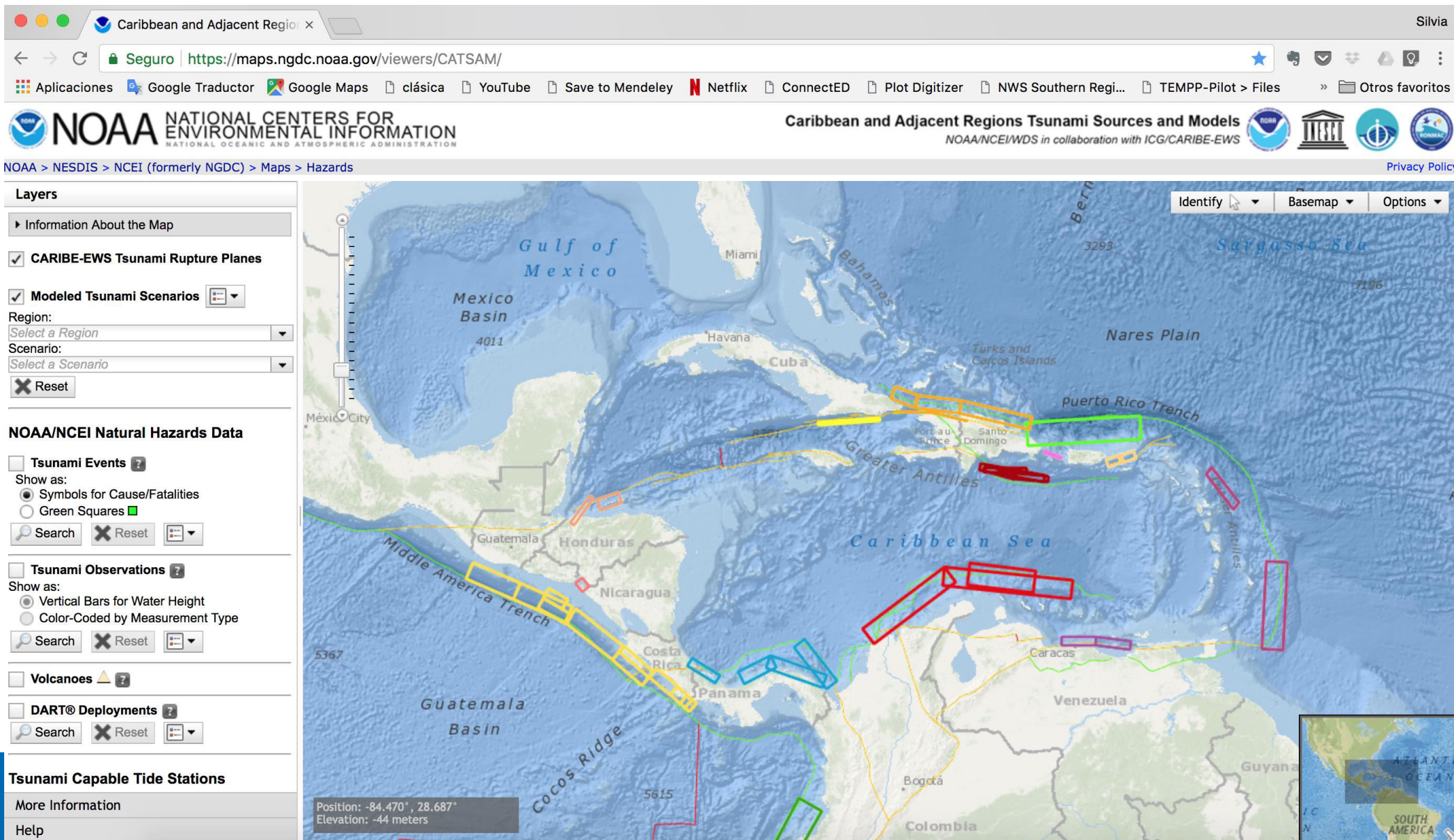
- 
- 
- 
- 
-

# CATSAM: Caribbean and Adjacent regions Tsunami Sources And Models



unesco

Intergovernmental  
Oceanographic  
Commission





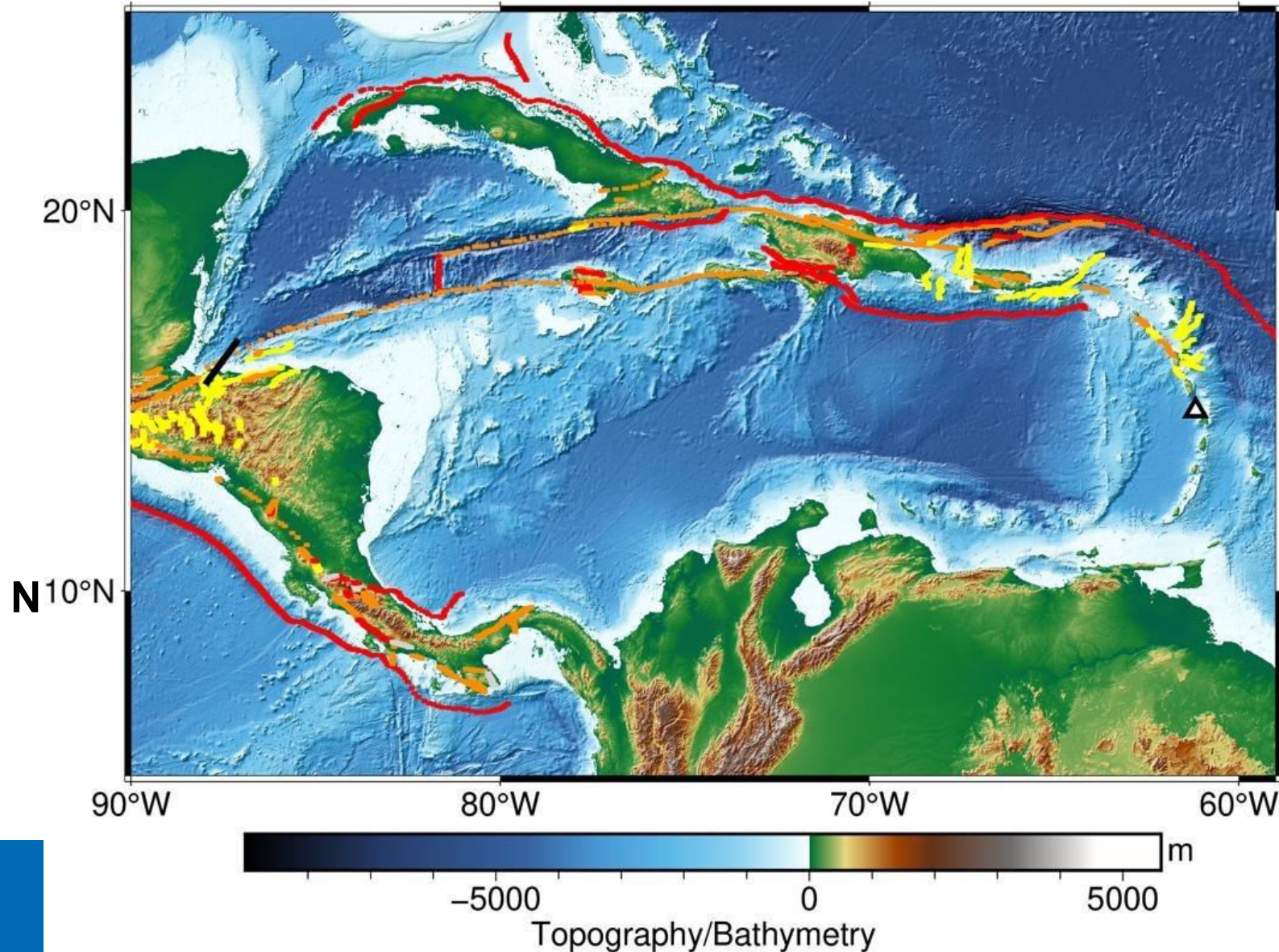
# CARIBE WAVE 23

## CARIBE WAVE 23



**unesco**

Intergovernmental  
Oceanographic  
Commission



- March 23, 2023  
14:00 UTC
- 2 scenarios
  - Honduras Gulf
  - Mount Pelee eruption
- 720,000 people participated



**unesco**

Intergovernmental  
Oceanographic  
Commission

## CARIBE WAVE 24

- March 21, 2024 15:00 UTC
- 2 scenarios
- Puerto Rico Trench
- 1882 North Panama Deformed Belt

## CARIBE WAVE 25

- 2 Possible Scenarios
- 1692 Jamaica Scenario
- 1755 Lisbon Scenario

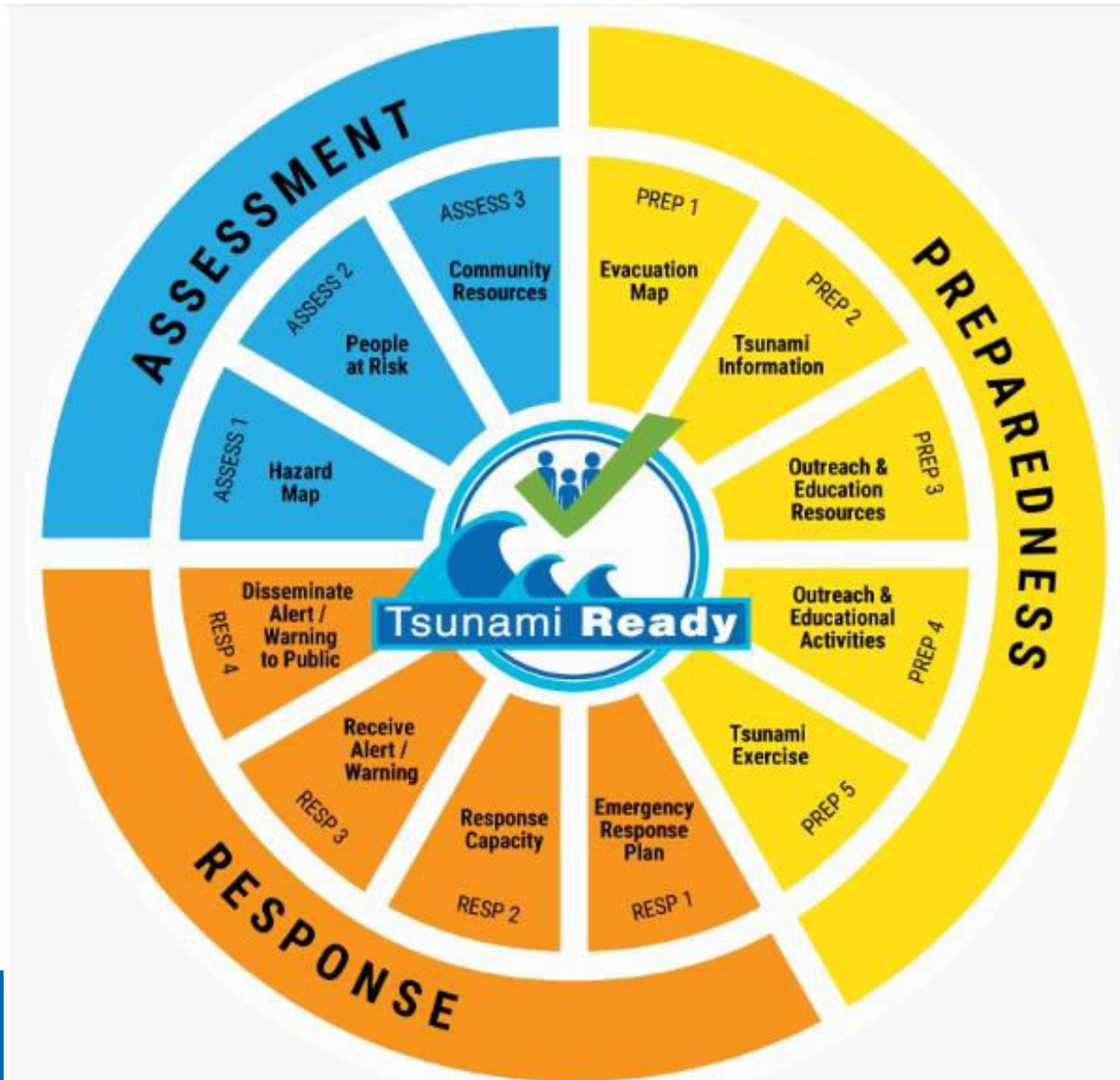
# UNESCO IOC TSUNAMI READY RECOGNITION PROGRAMME

## Established in 2022



**unesco**

Intergovernmental  
Oceanographic  
Commission







# Tsunami Ready Member States, Territories and Communities in the Caribbean, Central America, Mexico and Adjacent Regions



# OCEAN DECADE TSUNAMI PROGRAMME

Seeking Major Advances in SCIENCE and PREPAREDNESS

## RESILIENCE!

Observation and analysis  
Technologies



low-uncertainty

1. Real-time impact forecasts

with

2. Deep community  
preparedness.

Comprehension  
& community  
preparedness



IOC Tsunami Ready





# OCEAN DECADE TSUNAMI PROGRAMME:

## THE MAIN SOCIAL OUTCOME

TO MAKE  
**100%**

OF COMMUNITIES AT RISK OF TSUNAMI  
PREPARED FOR AND RESILIENT TO TSUNAMIS

BY  
**2030**





**unesco**

Intergovernmental  
Oceanographic  
Commission

**THANK YOU** 

