



CTIC
Caribbean Tsunami
Information Centre
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Ministry of Foreign Affairs

Regional Training Workshop on Pacific Tsunami Warning
Center Enhanced Tsunami Products for ICG/CARIBE EWS
31 October – 02 November, 2017
Cartagena, Colombia

1.4 Regional Training Workshop on Pacific Tsunami Warning Center Enhanced Tsunami Products for ICG/CARIBE EWS: ICG/CARIBE-EWS XII Outcomes

Alison Brome

UNESCO/IOC Caribbean Tsunami Information Centre

International Structure

Why is it Needed?

- ❑ Tsunamis Cross Oceans and Seas in Hours – Need Rapid Information from Other Countries to Assess
- ❑ Regional Tsunami Service Providers can do Tsunami Threat Assessment for Many Countries
- ❑ Tsunamis are Rare – Learn from Experience of Other Countries for Warning and Mitigation
- ❑ Tsunami Science is Multidisciplinary with Few Scientists – International Exchange of Results

UNESCO/IOC Tsunami Program

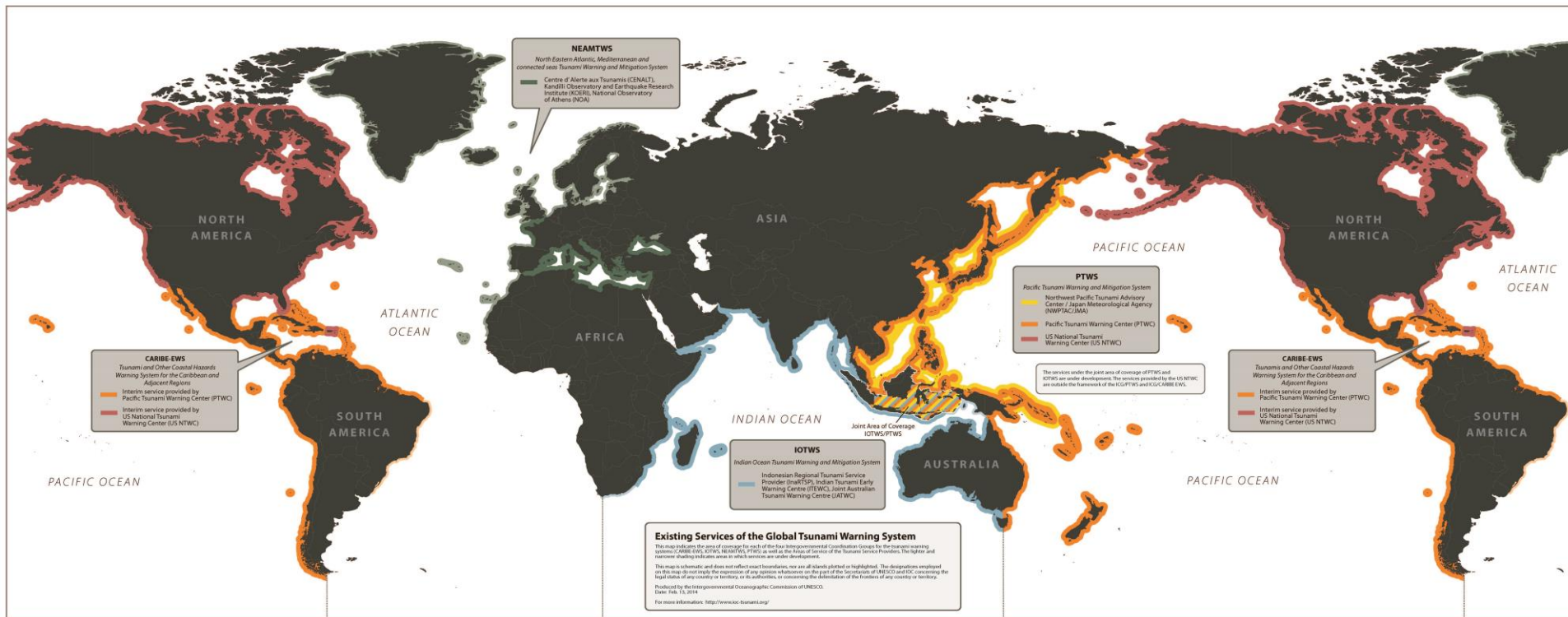
- ❑ Started in 1965 with Pacific System after 1960 Pacific-wide Tsunami from Chile Mw 9.5 Quake
- ❑ Expanded in 2005 to Indian Ocean, Caribbean, and NE Atlantic – Mediterranean after 2004 Indian Ocean-wide Tsunami from Indonesia

CARIBE EWS



- **UNESCO/IOC led**
- **12 Sessions held since 2006, most recent in Puntarenas, Costa Rica, from May 2017**
- **48 Members** - Member States, UNESCO Associate Member States and 12 Territories, Overseas Territories, States of Member States
- **Organizations Supporting CARIBE EWS**
 - Caribbean Tsunami Information Centre
 - Pacific Tsunami Warning Center
 - Caribbean Tsunami Warning Program

IOC Tsunami Program Coverage



IOC Tsunami Program Coverage



Member State Participation

- Countries request to IOC to be a **Member State** of System(s) through official channels.
- Member States designate a Person as their **Tsunami National Contact** for official communication and to represent country in the system's **Intergovernmental Coordination Group (ICG)**
- Member States designate a 24x7 office as their **Tsunami Warning Focal Point (TWFP)** to receive urgent information from regional centers or other contacts during events.
- Member States may designate an office as their **National Tsunami Warning Center (NTWC)** that is responsible for issuing warnings within the country.



minae UNAMA GEF LINA
XII ICGI Caribe-EWS
Costa Rica 2017

Outcomes from ICG-CARIBE EWS XII

- ❑ **Member States (MS) use as many ways of receiving Tsunami Service Provider (TSP) products as possible and provide updates**
- ❑ **MS use of multiple communication methods (including volunteer amateur radio organizations) to disseminate tsunami forecast and warning products in-country**
- ❑ **All communication methods to be used be documented in local Standard Operating Procedures (SOPs)**

Outcomes from ICG-CARIBE EWS XII

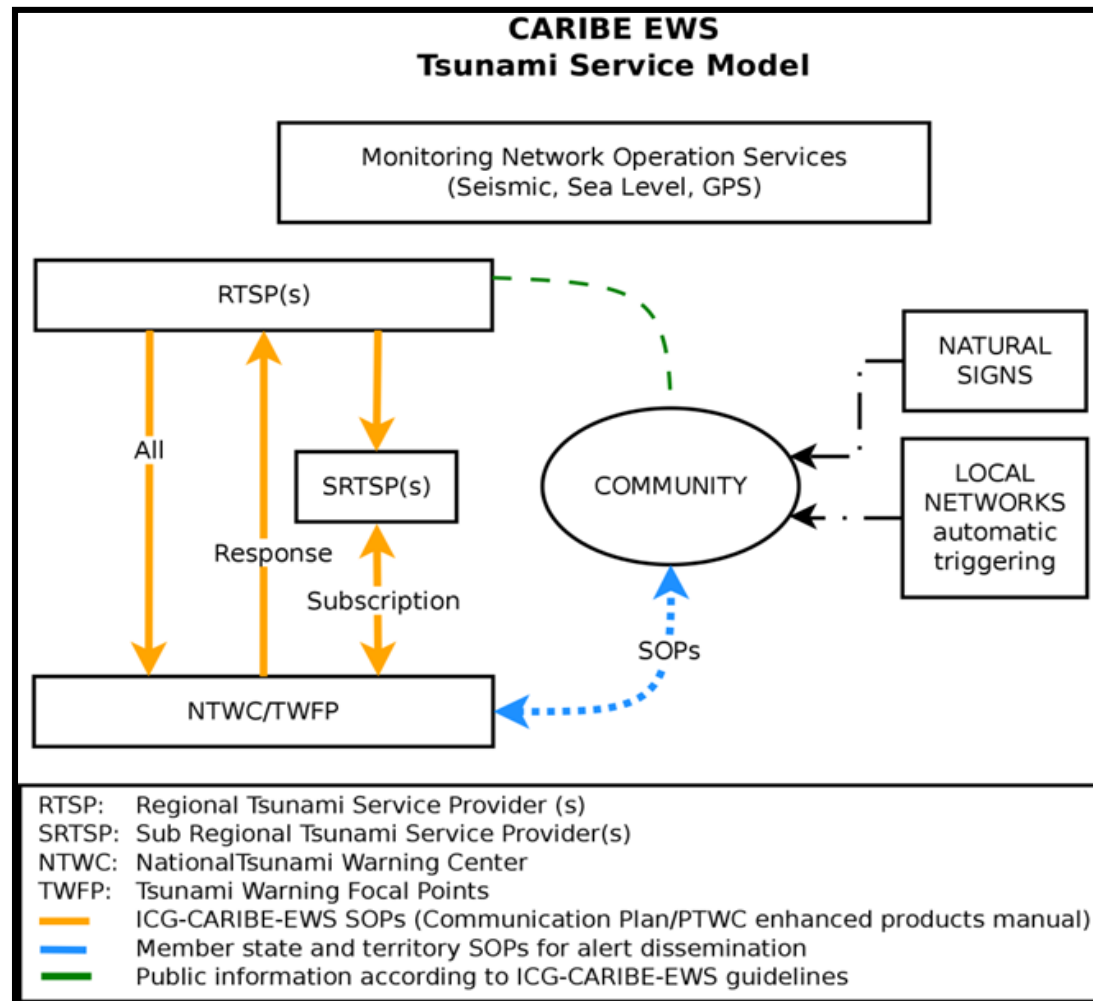
- **To promote good practices in the use of social media for official tsunami warning dissemination, MS review and comment on:**
 - **Proposal for a Training Program on Tsunamis Risk for Social Communicators**
 - **Proposal for the use of social networks (web 2.0) for the communication of early tsunami warnings, and feedback of information on the impact of tsunamis**
- to support its adoption at the next ICG Meeting**

Outcomes from ICG-CARIBE EWS XII

- MS to conduct regular tests of communications methods and to explore web-based teleconferencing platforms with easy access and need for little infrastructure
- Communication SOPs to be community centered in order to ensure timely information is conveyed to the populations at risk;

Outcomes of Recent ICG CARIBE EWS

ICG CARIBE EWS Service Model



Outcomes from ICG-CARIBE EWS XII

- **MS to share their experience using different communication means (problems e.g. false alerts, and solutions) in order to facilitate use of best practices based on actual experience;**
- **Requests PTWC to assess the feasibility of issuing text products in French, and Spanish, in addition to English, and report back to the ICG**

Outcomes from ICG-CARIBE EWS XII

- ❑ **PTWC to provide Heads-up SMS service, as a two-year trial project for CARIBE EWS MS**
- ❑ **Gov't of USA to develop a new website (tsunami.gov) = PTWC information and products + US National Tsunami Warning Center including status of tsunami events both nationally and internationally**
- ❑ **Caribe Wave18 on Thursday March 15, 2018**

Outcomes from ICG-CARIBE EWS XII

- **Established Tsunami Ready Task to:**
 - **Support piloting of the CARIBE EWS Tsunami Ready guidelines**
 - **Contribute to the development of consistent global guidelines that are harmonized between the ICGs as recommended by TOWS-X**
 - **Develop an evaluation instrument to measure the effectiveness of CARIBE EWS Tsunami Ready Guidelines in the pilot communities**

Outcomes from ICG-CARIBE EWS XII

- **Renewal of CARIBE EWS Tsunami Ready recognition be changed from three to four years**



United Nations
Educational, Scientific and
Cultural Organization



Intergovernmental
Oceanographic
Commission



National Oceanic
and Atmospheric
Administration



International
Tsunami Information
Center



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Thank You

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