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TOWS WG TT-DMP
21-22 February 2022
Virtual

PTWS TSUNAMI READY

ICG/PTWS-XXIX Report (Dec 2021)

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PTWS WG 3 - Disaster Risk Management and Preparedness

- Facilitate in collaboration with TOWS Task Team on Disaster Management and Preparedness and organizations such as UNISDR, the exchange of experiences and information on risk reduction and preparedness actions, and matters related to disaster management.
- Promote preparedness in coastal communities through education and awareness products and campaigns.
- Facilitate SOP training across regions to strengthen emergency response capabilities of Member States and their Disaster Management Offices.
- **Facilitate and monitor Tsunami Ready campaigns and outcomes, and report results to the ICG/PTWS and the TOWS-WG.**
- Develop and promote best practice preparedness material, programs and assessment tools.
- Develop and Promote tsunami risk reduction theory and practice.
- Support the ITIC of the ICG.
- The Group will be composed of members nominated by Member States, a representative of ITIC with a Chair and a Vice-Chair to be elected by the ICG.

PTWS – Tsunami Ready in other WG/TT ToR

- **PTWS Task Team on Future Goals and Performance Monitoring**
  - Ensure a Global Framework for Goals and Performance Monitoring is aligned with the:
    - Sendai Framework for Disaster Risk Reduction
    - United Nations Decade of Ocean Sciences for Sustainable Development – A Safe Ocean
    - IOC Tsunami Programme
    - **Tsunami Ready Programme**
    - ICG/PTWS Strategy 2022-2030

- **PTWS Tsunami Warning and Mitigation System in the South East Pacific Region Regional Working Group**
  - To analyse the convenience of piloting Tsunami Ready programme in the region.

- **PTWS Pacific Island Countries and Territories Regional Working Group Task Team on Capacity Development**
  - Continue to monitor and coordinate the Pilot Tsunami Ready Programme and TEMPP in Samoa, Tonga, Fiji, Cook Islands, Solomon Islands and Vanuatu and review the Tsunami Ready Checklist for schools and communities in PICT.

Rec PTWS-XXIX.4 Disaster Risk Management and Preparedness (ICG Intrasessional WG on Tsunami Ready)

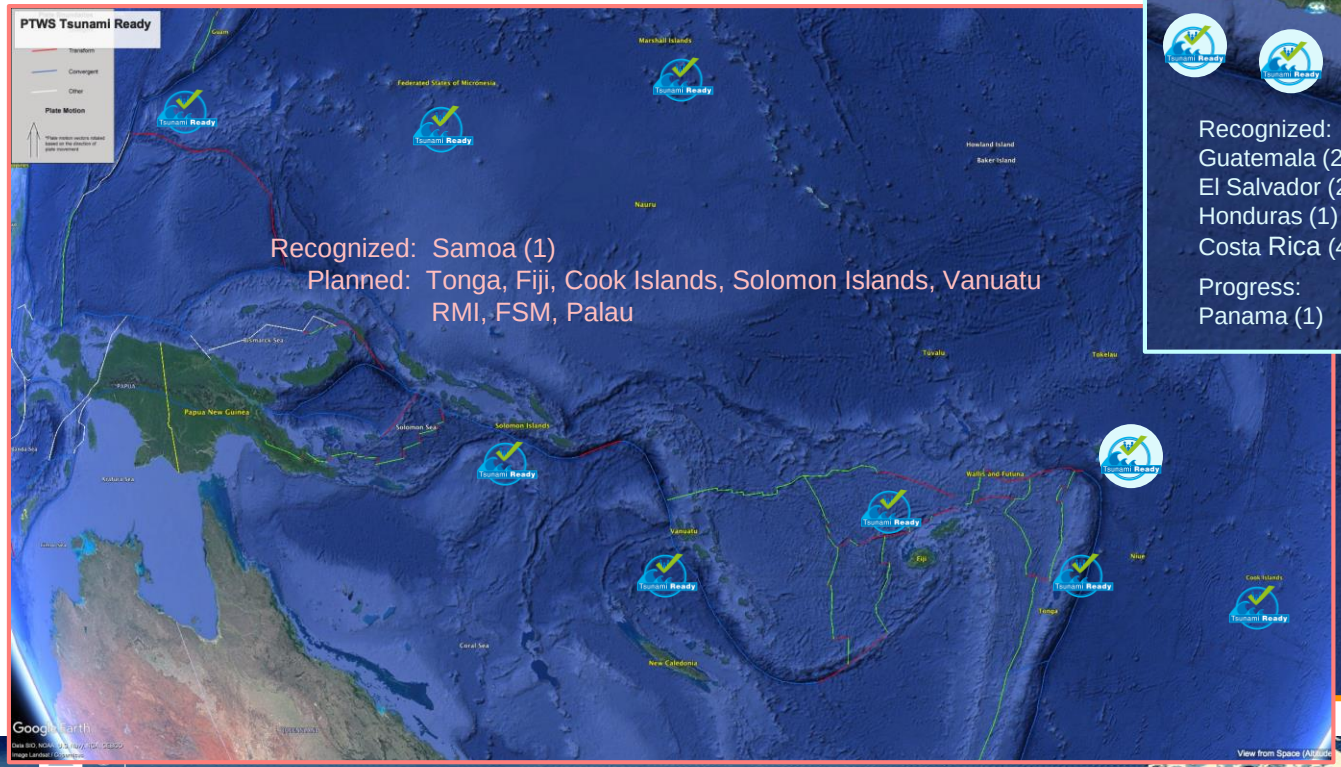
- Recognizing the 31st Session of the IOC Assembly, June 2021, via IOC Decision A-31/3.4.1 approved the establishment of the Ocean Decade Tsunami Programme and a Scientific Committee to develop a Draft 10-Year Research, Development and Implementation Plan for the Ocean Decade Tsunami Programme based on the concept paper “Protecting Communities from the World's Most Dangerous Waves: A Framework for Action under the UN Decade of Ocean Science for Sustainable Development”,
- Recognizing further that the 31st Session of the IOC Assembly, June 2021, via IOC Decision A-31/3.4.1 also approved the establishment of a special Tsunami Ready Coalition in collaboration with other critical stakeholders across the UN structure as well as national civil protection agencies and will report to the TOWS-WG on Tsunami Ready aspects of the programme,
- Recognizing the UN Decade for Ocean Science societal outcome includes a Safe Ocean, where life and livelihoods are protected from ocean-related hazards, such as tsunamis,
- Recognizing further that to achieve the UN Decade societal outcome of a Safe Ocean, the global aim is to make 100% of communities at risk of tsunami prepared for and resilient to tsunamis by 2030 through the implementation of the UNESCO/IOC Tsunami Ready Programme and other initiatives,
- Notes that the Working Group 3 will contribute to the special Coalition for Tsunami Ready,

Recommendation PTWS-XXIX.4
Disaster Risk Management and Preparedness

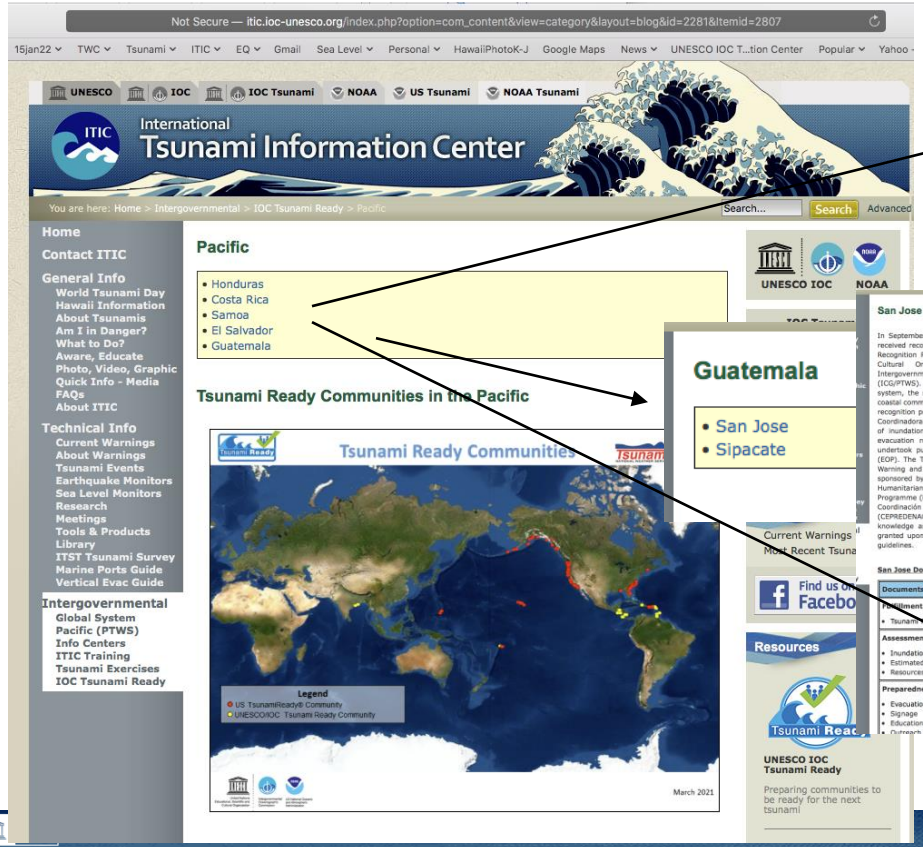
- Welcomes the development of standardized training through the **Ocean Teacher Global Academy (OTGA)** to support the capacity building of Member States and communities to equip them with the necessary knowledge and tools to meet the Tsunami Ready indicators,
- Appreciating the development of training led by the ITIC on **Tsunami Evacuation Maps, Plans, and Procedures (TEMPP)** through a 2015-2017 Pilot in Honduras with countries of Central America, culminating in the recognition of the community of Cedeno, Honduras as Tsunami Ready in February 2017, and followed by in Ostional, Costa Rica in April 2017,
- Appreciating the publication of ***Preparing for Community Tsunami Evacuations: From Inundation to Evacuation Maps, Response Plans, and Exercises*** **(IOC MG 82, 2020)** based on the TEMPP Pilot and global best practices, as the standard guideline for such activities,
- Appreciating the hosting of the **Tsunami Ready web site by the ITIC** to share information on the process and its requirements, and a global summary of recognized Tsunami Ready communities,
- **Noting that for the PTWS, Tsunami Ready recognition has been achieved by ~~14~~ 10 communities in ~~6~~ 5 countries, with 28 communities in 10 countries in the process or planned, through UNESCO Tsunami Ready Pilot,**

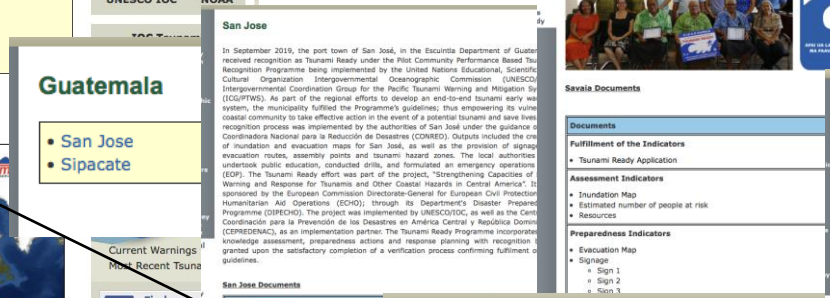
UNESCO IOC Tsunami Ready - PTWS

IOC Master List, Feb 2022



Tsunami Ready web site – www.tsunamiready.org





Recommendation PTWS-XXIX.4
Disaster Risk Management and Preparedness

- **Adopts and continues to implement the UNESCO-IOC Tsunami Ready Guidelines and Indicators as the international standard for evidence-based community preparedness for tsunamis,**
- Urges the publication of IOC MG 74 *Standard Guidelines for the Tsunami Ready Recognition Programme* to support implementation of Tsunami Ready,
- Urges Member States to use these Guidelines to implement Tsunami Ready in their communities,
- **Encourages Member States to identify the communities at risk from tsunamis where Tsunami Ready and like initiatives would be targeted,**
- **Noting that some Member States already have similar tsunami hazard mitigation programs in place, encourages Member States that apply other programmes, to confirm alignment with the twelve UNESCO IOC Tsunami Ready Indicators in relevant communities and report outcomes,**
- **Mandates the International Tsunami Information Centre (ITIC) to facilitate implementation of and documentation collation for UNESCO IOC Tsunami Ready Programme and other like initiatives in the PTWS,**

Recommendation PTWS-XXIX.4
Disaster Risk Management and Preparedness

- Requests Working Group 3 to:
  - Ensure the advocacy for Tsunami Ready is aligned with other PTWS and IOC documents,
  - Provide advice on the Tsunami Ready workflow as it pertains to the PTWS and regions,
  - Support the ITIC's efforts to develop standardized training under the framework of the OTGA, such as through feedback on content and helping to test trainings before officially deployed,
  - Advocate as a priority for enhanced access to high-resolution bathymetry and topography for inundation modelling,
  - Advocate for science and emergency management to work together in the application of probabilistic based risk mitigation,
  - Advise Working Group 1 on the tsunami source needs for Member States,
  - Include consideration of Local Tsunami Sources, where applicable, in Tsunami Ready preparedness,
  - Advocate for enhanced integration of mitigation measures to minimize disaster impacts, i.e. rapid restoration of socio-economic activities and critical infrastructure services,
  - Advocate best practices in engineering design and construction of evacuation shelters, especially against local tsunamis,
  - Encourage use of School Disaster Risk Reduction / preparedness materials, as compiled by the IOC IOTIC,
  - **Explore, in cooperation with the TOWS Task Team on Disaster Management and Preparedness, ways to recognize communities that choose not to implement the UNESCO/IOC Tsunami Ready programme, as compliant with the Tsunami Ready indicators,**
  - Help identify sources of funding in support of the implementation of Tsunami Ready.

Be Safe. Be Prepared. Get Tsunami Ready!

- **Pacific Tsunami Ready shout-outs**
- **36 contributions (some multiple): 26 countries, 4 orgs**
- **Informal, fun, creative !**
  - Eastern Pacific (Central and South America) https://vimeo.com/642908499
  - Pacific Islands (Pacific Island Countries and Territories) https://vimeo.com/641742226
  - Western Pacific (NW Pacific, SCS, SE Asia) https://vimeo.com/642563612

Click to play 1:59 min

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Thank You

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