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**Intergovernmental
Oceanographic
Commission**

UNESCO-IOC Tsunami Ready Communication Tools

ICG/IOTWMS 13th Meeting
28 November – 2 December 2022

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1 Manuals and Guides

Manual and Guide No 74

Intergovernmental Oceanographic Commission
Manuals and Guides



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74

**Standard Guidelines for the Tsunami
Ready Recognition Programme**

UNESCO

<https://oceanexpert.org/downloadFile/50068>

Manual and Guide No 82



<https://unesdoc.unesco.org/ark:/48223/pf0000373019?posInSet=17&queryId=947ca611-1880-4ded-bb5a-4bd61c93c161>



Use of the Tsunami Ready logo would need to request the approval from UNESCO/IOC Tsunami Unit. Please contact: ioc-tsu@unesco.org for permission.

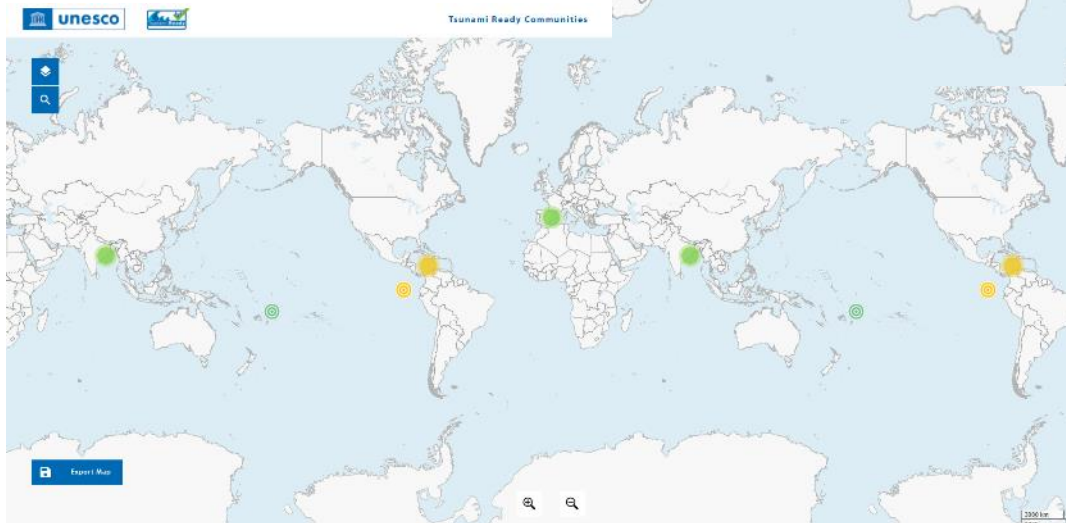
<https://unesdoc.unesco.org/ark:/48223/pf0000380936>



2021
2030 United Nations Decade
of Ocean Science
for Sustainable Development

2 Tsunami Ready Viewer

<https://tsunamireadyviewer.ioc-tsunami.org/>



3 UNESCO/IOC Tsunami Ready Website

UNESCO/IOC Tsunami Ready Website



The screenshot shows the homepage of the UNESCO/IOC Tsunami Ready website. At the top, there is a navigation bar with links for UNESCO, IOC, IOC Tsunami, NOAA, US Tsunami, and NOAA Tsunami. The main header features the ITIC logo and the text 'International Tsunami Information Center' against a background of a tsunami wave. Below the header, there is a search bar and a breadcrumb trail: 'You are here: Home > Intergovernmental > UNESCO/IOC Tsunami Ready Programme'. The left sidebar contains a menu with categories: Home, Contact ITIC, General Info (including World Tsunami Day, Hawaii Information, American Samoa Info, About Tsunamis, Am I in Danger?, What to Do?, Aware, Educate, Photo, Video, Graphic, Quick Info - Media, FAQs, About ITIC), and Technical Info (including Current Warnings, About Warnings, Tsunami Events, Earthquake Monitors, Sea Level Monitors, Research, Meetings, Tools & Products, Library, ITST Tsunami Survey, Marine Ports Guide, Vertical Evac Guide). The main content area is divided into three sections: 1. 'UNESCO/IOC Tsunami Ready Programme' with a list of regions: Caribbean, Pacific, Indian Ocean, North Atlantic and Mediterranean, Background, and Pilot Programme. 2. 'UNESCO/IOC Tsunami Ready Recognition Programme' featuring the 'Tsunami Ready' logo and the UNESCO logo. 3. 'IOC Tsunami Information Centres' with logos for ITIC, CTIC, IOTIC, and NEAMTIC. A 'Quick Links' section is partially visible at the bottom right.

http://itic.ioc-unesco.org/index.php?option=com_content&view=category&id=2234&Itemid=2758



4 Tsunami Ready E-Posters



UNESCO/IOC TSUNAMI READY RECOGNITION PROGRAMME

A voluntary international community-based programme

Active collaboration of the community, community leaders, warning centre, and local and national emergency management agencies

The concept of readiness through actions to meet 12 key indicators

Part of an end-to-end tsunami early warning and mitigation system with a particular focus on building resilient communities through awareness and preparedness strategies

UNESCO/IOC TSUNAMI READY RECOGNITION PROGRAMME

Bringing the ownership of preparedness to the community

Ensures structural, systematic, and sustainable approach in building community preparedness

Strengthen preparedness for other hazards



Improves community pre-planning




UNESCO/IOC TSUNAMI READY RECOGNITION PROGRAMME

CONTRIBUTES TO GLOBAL FRAMEWORKS :

SDG SFDRR UNDOS






GET YOUR COMMUNITY TSUNAMI READY

Tsunami Ready in the Caribbean

The UNESCO/IOC Inter-governmental, Decentralized, and Multi-stakeholder Coordination Group for the Indian Ocean Tsunami Warning and Mitigation System (IOCOM) has 12 countries in the Caribbean region that are implementing Tsunami Ready through community-based awareness and preparedness activities. The Indian Ocean Tsunami Information Centre, through regional partners and other stakeholders, is providing technical support to these countries.

For more information or to initiate Tsunami Ready in the Caribbean, contact ITC via info@ioc.unesco.org or visit www.ioc.unesco.org



GET YOUR COMMUNITY TSUNAMI READY

Tsunami Ready in the Indian Ocean

There are 26 Member States in the Indian Ocean under the Inter-governmental, Decentralized, and Multi-stakeholder Coordination Group for the Indian Ocean Tsunami Warning and Mitigation System (IOCOM).

Two countries in the Indian Ocean, Vanuatu and Maldives, are currently implementing Tsunami Ready through community-based awareness and preparedness activities. The Indian Ocean Tsunami Information Centre, through regional partners and other stakeholders, is providing technical support to these countries.

For more information or to initiate Tsunami Ready in the Indian Ocean, contact ITC via info@ioc.unesco.org or visit www.ioc.unesco.org

GET YOUR COMMUNITY TSUNAMI READY

Tsunami Ready in the Northeast Atlantic and the Mediterranean Seas

There are 40 North-Eastern Atlantic, Mediterranean and connected Seas (NEAM) Member States under the Inter-governmental, Decentralized, and Multi-stakeholder Coordination Group for the Northeast Atlantic, Mediterranean and connected Seas Tsunami Warning and Mitigation System (IC/NEAMTWS).

Spain, France, Italy, Malta, Cyprus, Monaco, Greece and Greece are in the process of implementing the IC/NEAMTWS Tsunami Ready Programme.

For more information or to initiate Tsunami Ready in the NEAM, contact the Inter-national Tsunami Information Centre of UNESCO/IOC via info@ioc.unesco.org or visit www.ioc.unesco.org




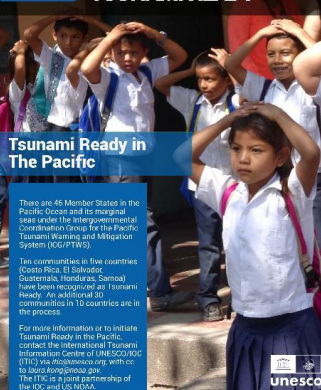

GET YOUR COMMUNITY TSUNAMI READY

Tsunami Ready in the Pacific

There are 46 Member States in the Pacific Ocean and its marginal seas under the Inter-governmental, Decentralized, and Multi-stakeholder Coordination Group for the Pacific Tsunami Warning and Mitigation System (IC/PWIS).

Ten countries in five countries (Guatemala, Honduras, Samoa) have been recognized as Tsunami Ready. An additional 30 countries in 10 countries are in the process.

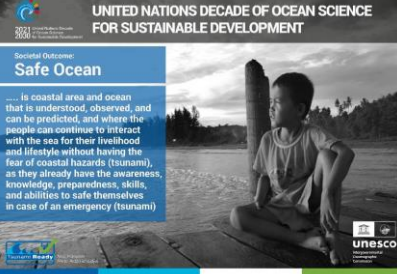
For more information or to initiate Tsunami Ready in the Pacific, contact the International Tsunami Information Centre of UNESCO/IOC via info@ioc.unesco.org or visit www.ioc.unesco.org

UNITED NATIONS DECADE OF OCEAN SCIENCE FOR SUSTAINABLE DEVELOPMENT

Societal Outcome: Safe Ocean


... coastal area and ocean that is understood, observed, and can be predicted, and where the people can continue to interact with the sea for their livelihood and lifestyle without having the fear of coastal hazards (tsunami), as they already have the awareness, knowledge, preparedness, skills, and abilities to save themselves in case of an emergency (tsunami)



UNITED NATIONS DECADE OF OCEAN SCIENCE FOR SUSTAINABLE DEVELOPMENT

Societal Outcome: Safe Ocean

... with the aim of making 100% of communities at risk of tsunami prepared for and resilient to tsunami by 2030 through the implementation of the UNESCO/IOC Tsunami Ready Programme



GET YOUR COMMUNITY TSUNAMI READY

UNESCO/IOC Tsunami Ready Indicators

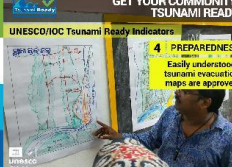
1 | ASSESSMENT 1
Tsunami hazard zones are mapped and designated



GET YOUR COMMUNITY TSUNAMI READY

UNESCO/IOC Tsunami Ready Indicators

4 | PREPAREDNESS 1
Easily understood tsunami evacuation maps are approved



GET YOUR COMMUNITY TSUNAMI READY

UNESCO/IOC Tsunami Ready Indicators


8 | PREPAREDNESS 5
A community tsunami exercise is conducted at least every two years



GET YOUR COMMUNITY TSUNAMI READY

UNESCO/IOC Tsunami Ready Indicators

9 | RESPONSE 1
A community tsunami emergency response plan is approved



GET YOUR COMMUNITY TSUNAMI READY

UNESCO/IOC Tsunami Ready Indicators

2 | ASSESSMENT 2
The number of people at risk in the tsunami hazard zone is estimated



GET YOUR COMMUNITY TSUNAMI READY

UNESCO/IOC Tsunami Ready Indicators

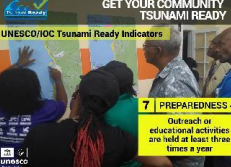
5 | PREPAREDNESS 2
Tsunami information including signage is publicly displayed



GET YOUR COMMUNITY TSUNAMI READY

UNESCO/IOC Tsunami Ready Indicators

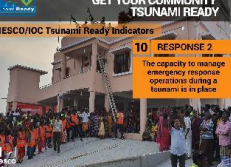
7 | PREPAREDNESS 4
Outreach and public awareness activities are held at least three times a year



GET YOUR COMMUNITY TSUNAMI READY

UNESCO/IOC Tsunami Ready Indicators

10 | RESPONSE 2
The capacity to manage emergency response operations during a tsunami is in place



GET YOUR COMMUNITY TSUNAMI READY

UNESCO/IOC Tsunami Ready Indicators

3 | ASSESSMENT 3
Economic, infrastructural, political, and social resources are identified



GET YOUR COMMUNITY TSUNAMI READY

UNESCO/IOC Tsunami Ready Indicators

6 | PREPAREDNESS 3
Outreach and public awareness and education resources are available and distributed



GET YOUR COMMUNITY TSUNAMI READY

UNESCO/IOC Tsunami Ready Indicators

11 | RESPONSE 3
Redundant and reliable means to timely receive 24-hour official tsunami alerts are in place



GET YOUR COMMUNITY TSUNAMI READY

UNESCO/IOC Tsunami Ready Indicators

12 | RESPONSE 4
Redundant and reliable means to timely disseminate 24-hour official tsunami alerts to the public are in place



21 E-Posters Tsunami Ready

5 Tsunami Ready Boardgame

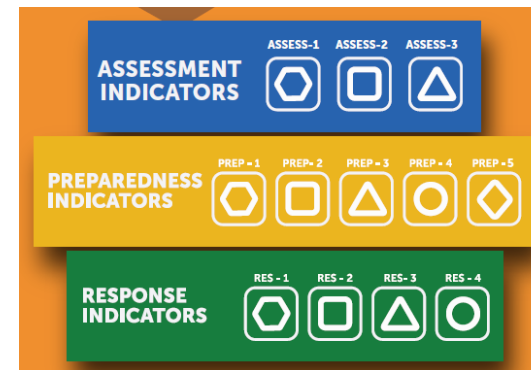


To introduce the 12 Tsunami Ready Indicators to the stakeholders (12 + years)



- Could be played in different levels
1. Beginner (± 1 hour)
 2. Middle (± 2 hours)
 3. Advanced (≥ 2 hours)

Cards 375 (± 300 questions, 75 instructions)

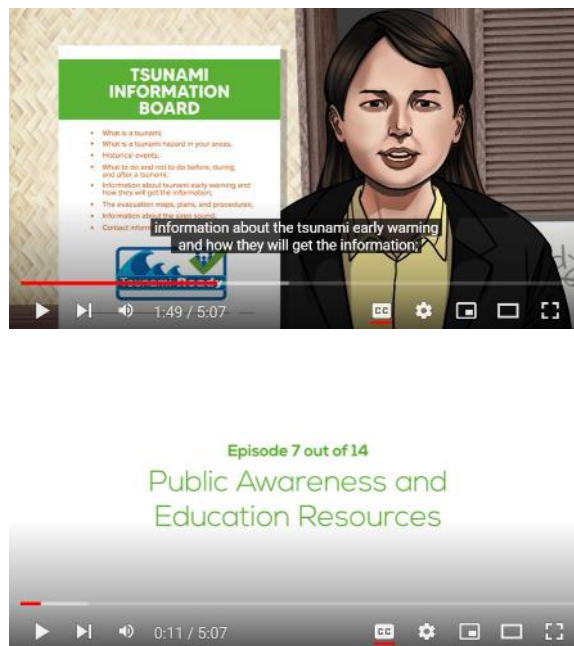


6 Tsunami Ready Short Animation Video Series



Story line:

Following the journey of Azam, Azizah, and Adam in building their Village “Nami” to be a Tsunami Ready Community based on UNESCO-IOC Tsunami Ready Indicators



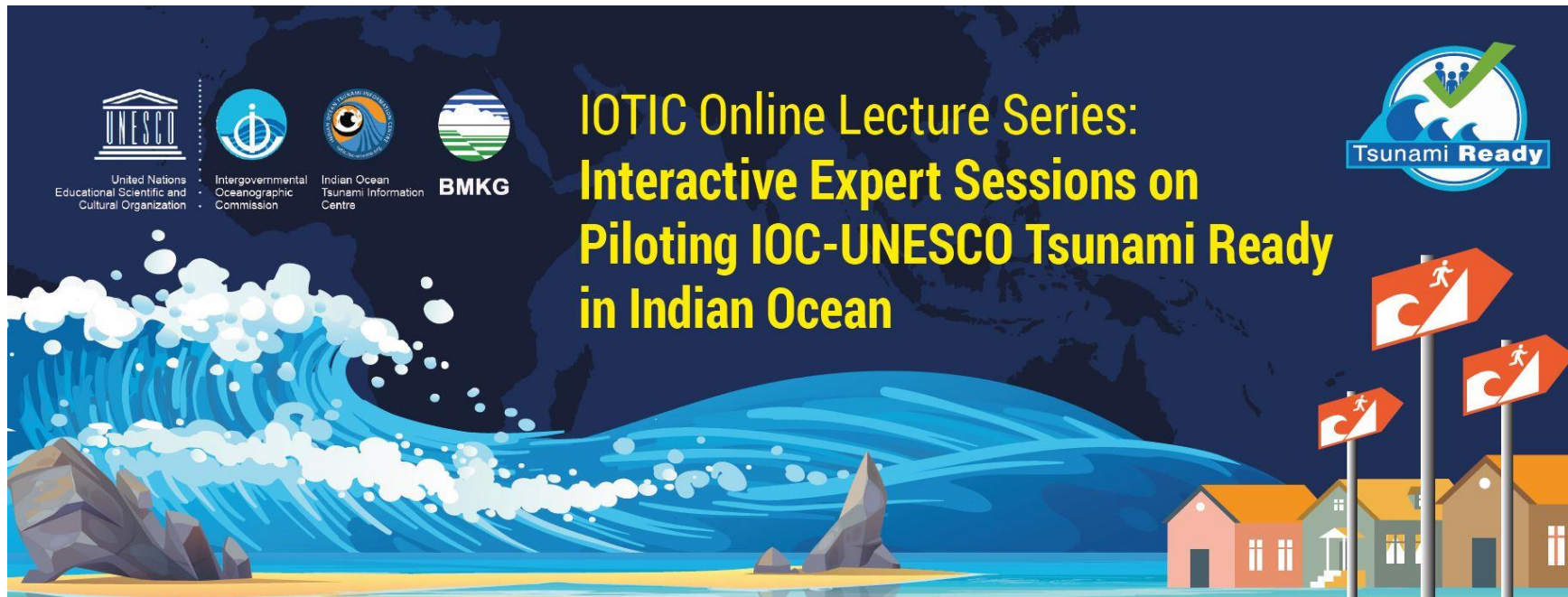
- Video 1: Tsunami Ready (an introduction) **+ 7:10 minutes**
- Video 2: Tsunami Hazard for Tsunami Ready Community **+ 8:02 minutes**
- Video 3: Knowing people at risk of tsunami **+ 4:48 minutes**
- Video 4: Resource and capacity for Tsunami Ready Community **+ 6:57 minutes**
- Video 5: Public Tsunami Information in Community **+ 5:32 minutes**
- Video 6: Tsunami Evacuation Map for the community **+ 5:15 minutes**
- Video 7: Public Awareness and Education Resources **+ 5:07 minutes**
- Video 8: Outreach Activities in Tsunami Ready Community **+ 4:39 minutes**
- Video 9: Community Tsunami Exercise **+ 6:49 minutes**
- Video 10: Community Tsunami Emergency Operation Plan **+ 5:28 minutes**
- Video 11: Building Capacity in community for Emergency Response **+ 7:50 minutes**
- Video 12: Linking the Community to the Tsunami Warning Chain **+ 4:40 minutes**
- Video 13: Providing warning to the community **+ 5:27 minutes**
- Video 14: Getting Tsunami Ready Recognition **+ 6:50 minutes**

IOTIC YouTube Channel: <https://www.youtube.com/channel/UCFSPN4dJXOvFrMIkmlQdumQ>

Playlist: <https://www.youtube.com/playlist?list=PLDzuUvIHTe3BLFcGDXOAKwCcdTQ6VngH>

7 Tsunami Ready Online Lecture Series (2020)

Tsunami Ready Online Lecture Series Recording



FB IOTIC : <https://www.facebook.com/iotsunami>
IG IOTIC : <https://www.instagram.com/iotsunami/>
YouTube IOTIC: <https://www.youtube.com/user/iotsunami>
Twitter IOTIC : <https://twitter.com/iotsunami>

8 Tsunami Ready Online Lecture Series (2020)

3 Course breakdown

	Introduction to Tsunami Ready and the Indicators	Implementing Tsunami Ready	Facilitating Tsunami Ready
Tsunami Ready for Officials and Programme Implementors	4 x lectures 4 x 45 minutes		
Tsunami Ready for Community	4 x lectures 4 x 45 minutes	2 x lectures 2 x 45 minutes	
Tsunami Ready for Facilitators	4 x lectures 4 x 45 minutes	2 x lectures 2 x 45 minutes	4 x lectures 4 x 60 minutes

3 Types of modules

Course 1 Introduction to Tsunami Ready & the Indicators

- What is Tsunami Ready
- Why is it important
- What is the benefit of implementing TR
- What are the indicators
- Why are these indicators

Course 2 Implementing Tsunami Ready

- What do community do to start to implement TR
- Who are the stakeholder and the technical organization
- How to approach the organizations

Course 3 Facilitating Tsunami Ready

- What does each of these indicator means and the relation of each indicators
- How to work on each of the Indicators

Module 1 Tsunami Ready for Officials and Programme Implementors (1 Course)

The training is targeted for Government Officials (i.e. from National or Local Disaster Management Offices, National Tsunami Warning Centres, Gov Institutions) and Programme / Project planner and implementor (Donors, Funding agencies), etc.

Module 2 Tsunami Ready for Community (2 Courses)

The training is targeted for Community leaders, Non-Governmental Organizations (NGOs), Civil Society Organizations (CSOs), Academics and Scientists, Community members, Private, Business, etc.

Module 3 Tsunami Ready for Facilitators (3 Courses)

The training is targeted for Disaster Risk Reduction Facilitators for Disaster risk reduction workers and volunteers who are interested in assisting the community in capacity building for tsunami preparedness, etc.

Recommendation to the ICG/IOTWMS for Consideration

1. To encourage the IO Member States to make use of the Tsunami Ready Communication Tools to implement the TRRP in the country.
2. To encourage the IO Member States to collaborate with IOC-UNESCO IOTIC should adaptation is required to be able to effectively use these communication tools.

Tsunami Ready

Thank you



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***UNESCO-IOC Indian Ocean Tsunami Information Centre
IOTIC-BMKG Programme Office***

***Disaster Risk Reduction and Tsunami Information Unit
UNESCO Jakarta Office***

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