unesco
Intergovernmental Oceanographic Commission

How to Become Tsunami Ready, Tools

3.5 TR Available-Tools-and-Support

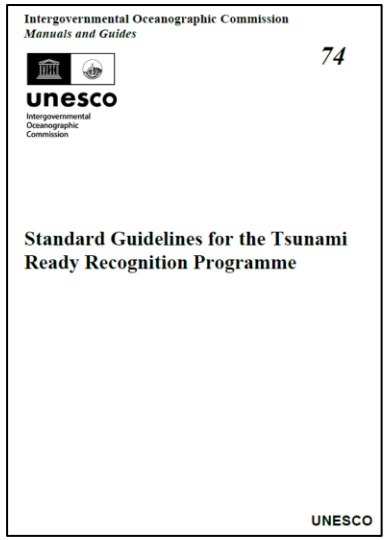
Ardito M Kodijat
Indian Ocean Tsunami Information Centre UNESCO-IOC

Tsunami Ready Philippines National Workshop
Park Inn North EDSA, Metro Manila, Philippines
8 to 11 December 2025

1. Definition, Manuals, and Guides

Manual and Guides

Manual and Guide No 74

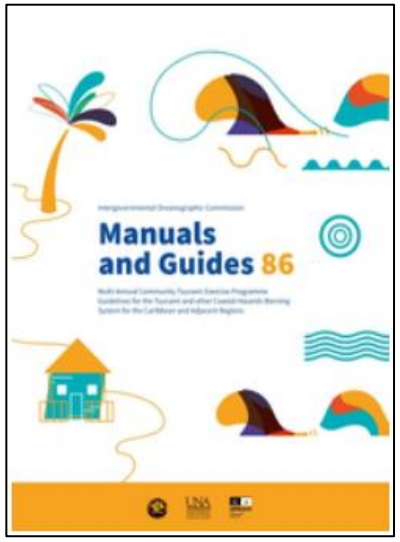


https://oceanexpert.org/downloadFile/50068

Manual and Guide No 82

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

Manual and Guide No 86



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Manual and Guide No 76

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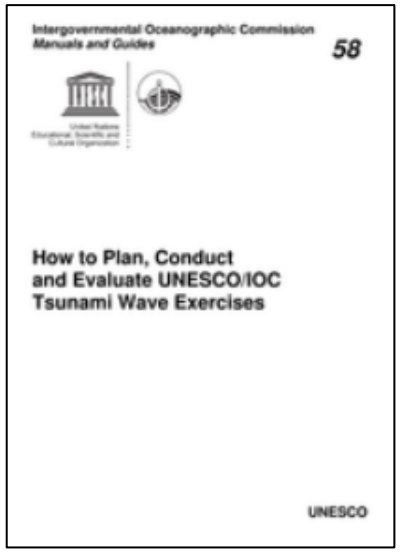
Manual and Guide No 58



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1. Definition, Manuals, and Guides

- Tsunami Ready Community Definition
- Tsunami Ready Application Form (updated)
- Submission procedures (Automated tool)
- File naming and file types (file metadata)
- TR Renewal procedures (Use the same form as new application)

1. Definition, Manuals, and Guides

- **Communications sample letters and templates**
  - Letter of Intent, NTRB/RTRB,
  - Application submission,
  - IOC acknowledgement,
  - Recognition and Appreciation Certificate names,
  - Community summary for web page

1. Definition, Manuals, and Guides

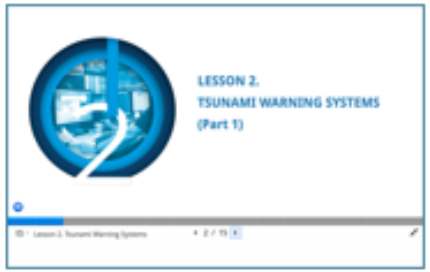
- **Recognition Sign** (Size, Color, Fonts, Placements of Logos, etc.)
- **Recognition and Appreciation Certificates** (All ICGs)
- **Recognition Ceremony – sample Concept Note and Agenda**

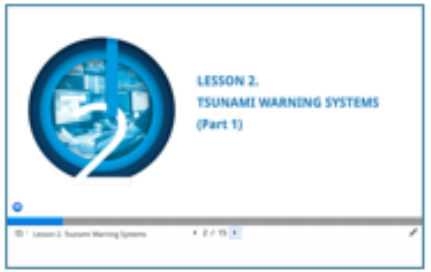
2. Trainings

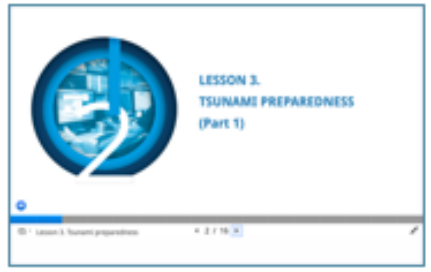
- **Self-paced, no instructor – 6 hrs**
- **UNESCO-IOC Tsunami Awareness certificate required for later UNESCO-IOC courses**

Tsunami Awareness

Pre-Quiz
Lesson 1: Tsunami Basics (Parts 1 and 2)
Lesson 2: Tsunami Warning Systems (Parts 1 and 2)
Lesson 3: Tsunami Ready Preparedness (Parts 1 and 2)
Post-Test







- **2 parts (18, 23 Slides)**
- **2 parts (14, 18 Slides**
- **2 parts (15, 23 Slides**
- **All Lessons have Activities, Knowledge review checks, Narration**

2. Trainings

- **Self-paced, no instructor – about 2-3 hrs**

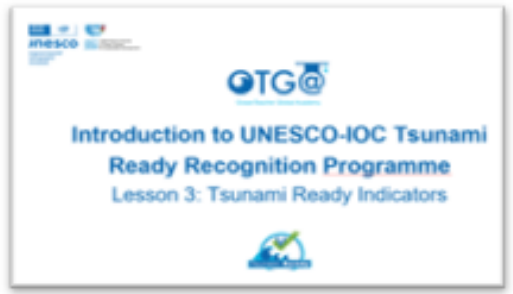
Course 1
Introduction to UNESCO-IOC Tsunami Ready Recognition Programe

Lessons 1: Tsunami Ready Background
Lessons 2: Tsunami Ready Implementation Process
Lessons 3: Tsunami Ready Indicators

Course 2
Facilitating Tsunami Ready
planned

Lessons 1: Approach to Tsunami Ready Community Capacity Building
Lessons 2: Assessment Indicators
Lessons 3: Preparedness Indicators
Lessons 4: Response Indicators

Course 1



- **23 Slides**
- **19 Slides**
- **22 Slides**
- **All Lessons have Activities, Knowledge review checks, Narration**

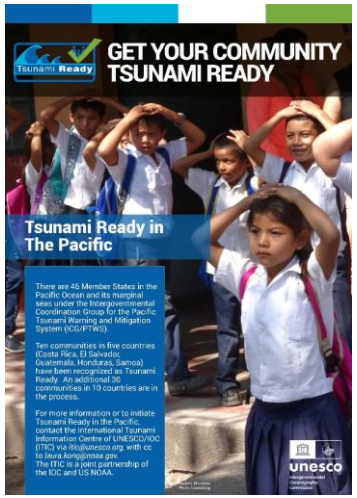
2. Trainings

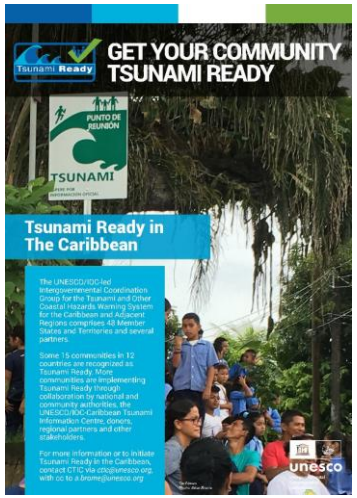
Tsunami Ready Online Lecture Series Recording

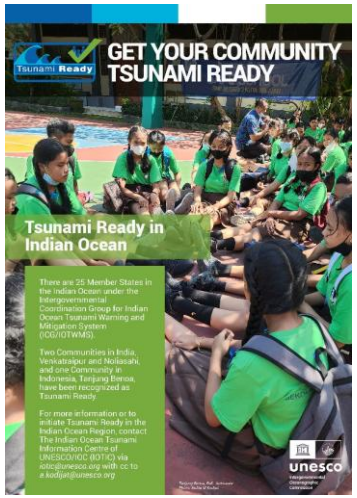
FB IOTIC : https://www.facebook.com/iotsunami
IG IOTIC : https://www.instagram.com/iotsunami/
YouTube IOTIC: https://www.youtube.com/user/iotsunami
Twitter IOTIC : https://twitter.com/iotsunami

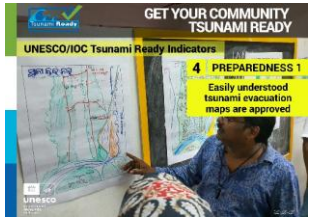
3. Awareness and Educational Tools

Tsunami Ready Posters









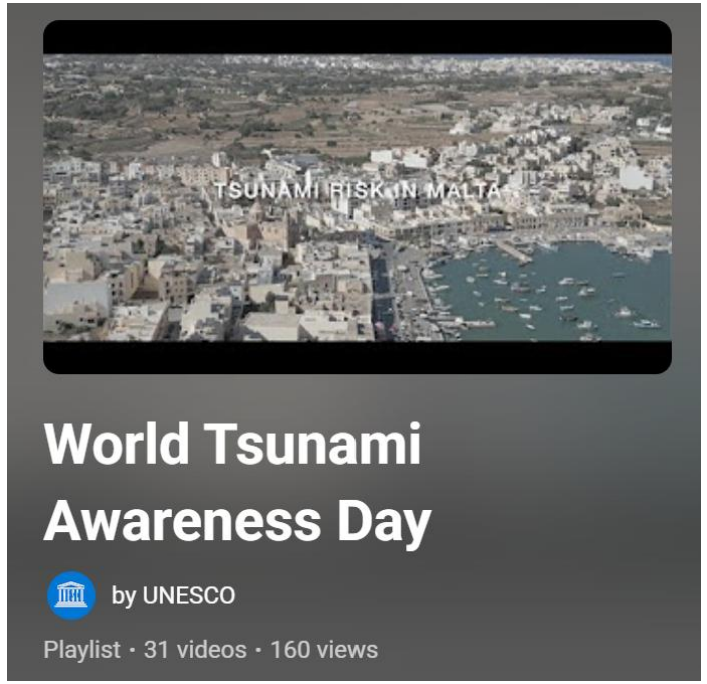
3. Awareness and Educational Tools

Tsunami Ready Videos

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=PLDzuUvIHTe3BLFcgDGXOAkwcCdTQ6VngH

3. Awareness and Educational Tools

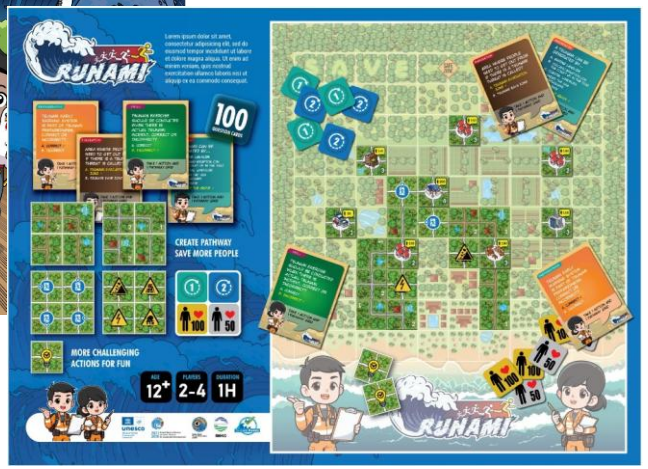
Boardgames

Tsunami Ready

To introduce the 12 Tsunami Ready Indicators to the stakeholders

RUNAMI

- Tsunami Awareness
- Tsunami Preparedness
- Tsunami Evacuation
- Tsunami Drills



UNITED NATIONS DECADE ON
OCEAN SCIENCE FOR SUSTAINABLE DEVELOPMENT
2021-2030

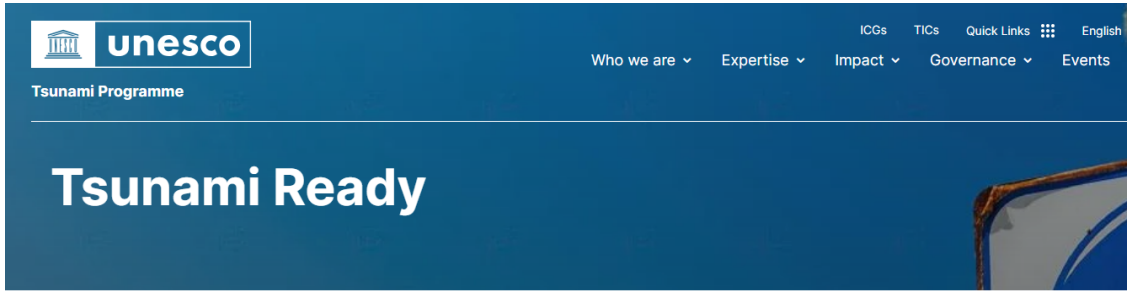
4. Assessment Tools

- Capacity Assessment to Implement Tsunami Ready Indicators
- Feedback Survey on the Implementation of the UNESCO-IOCTsunami Ready Recognition Programme in ICG/CARIBE-EWS
- Assessment tools on the impact of Tsunami Ready to UNESCO-IOC Recognized Community in Indian Ocean (piloted in Indonesia)

5. Other Resources

UNESCO-IOC Tsunami Ready

https://tsunami.ioc.unesco.org/en/tsunami-ready



What is Tsunami Ready?

The UNESCO-IOC Tsunami Ready Recognition Programme (TRRP) is an international community-based effort to bolster risk prevention and mitigation across global coastal zones.

It aims to build tsunami resilience through awareness and preparedness strategies that will protect life, livelihoods and property from tsunamis.

It's aimed at:

Communities at risk

Millions of coastal communities around the world live in constant danger of being struck by tsunamis.

Warning and emergency management agencies

National and local authorities play a key role in helping communities prepare for and react.

Government authorities

National and local administrations should include tsunami-risk mitigation in their development programmes and agendas.

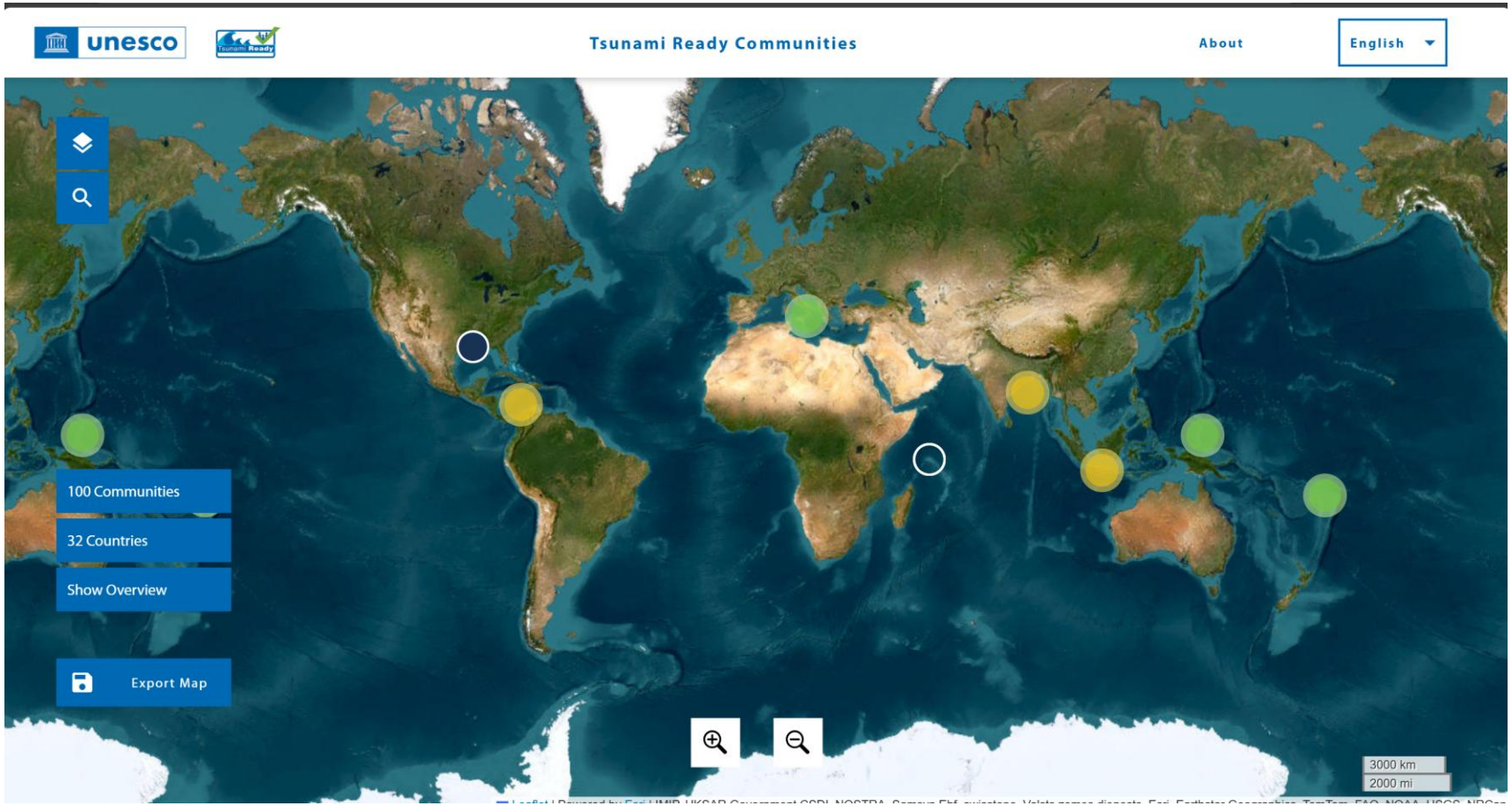
Community leaders and the public

Individuals with a strong influence over the general population should help get key messages across.

5. Other Resources

Tsunami ready viewer

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



5. Other Resources

Tsunami Information Centers

TIC to advocate, facilitate, guide, and support the member states in the Tsunami Ready Implementation through trainings, workshops, or capacity building as needed (regional and/or national).

PTWS - ITIC
USA NOAA – IOC Partnership 1965
Chile SHOA Associate Director 1998

NEAMTWS - NEAMTIC
EC DG ECHO
France, Greece, Italy, Portugal
2011-13

IOTWMS- IOTIC
Indonesia BMKG – IOC Partnership
2012 (formerly JTIC since 2006)

CARIBE-EWS - CARIBETIC
Barbados– IOC Partnership 2015
(approved 2007)

Thank you
Salamat po

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