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What is UNESCO IOC Tsunami Ready Recognition Programme

4.1 Available Tools and Supports

Ardito M Kodijat

Indian Ocean Tsunami Information Centre - IOC UNESCO

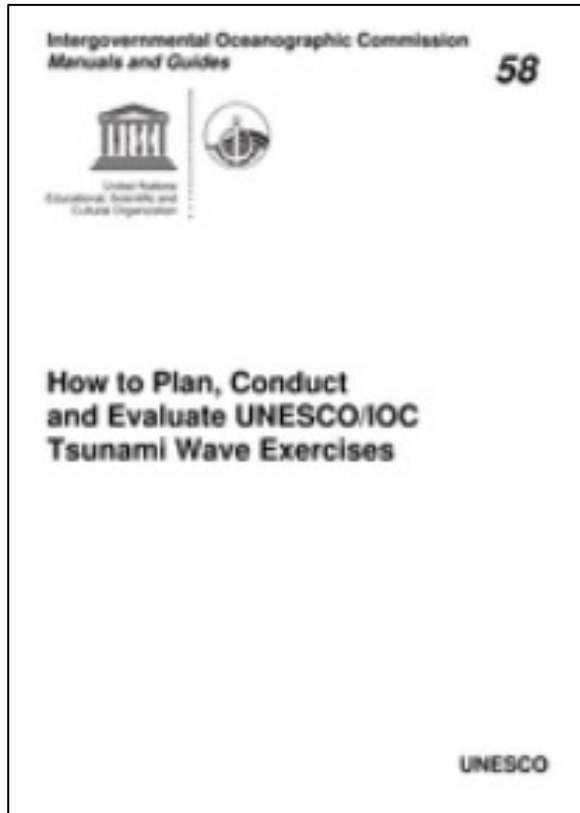
Manual and Guides



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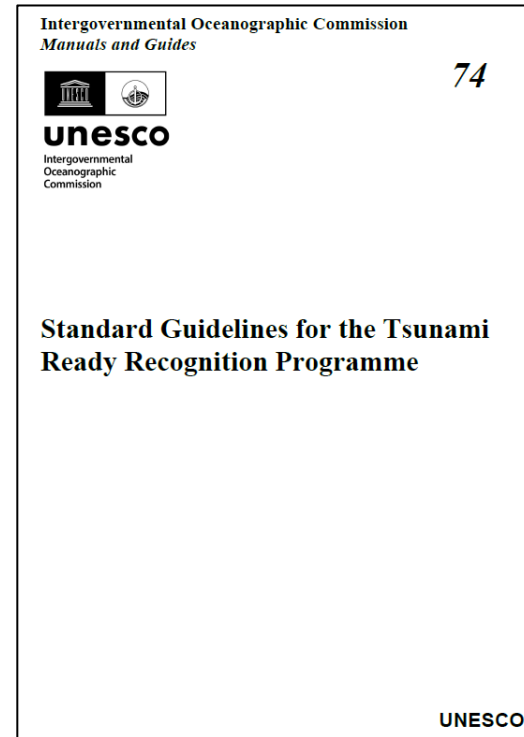
Manual and Guide No 58



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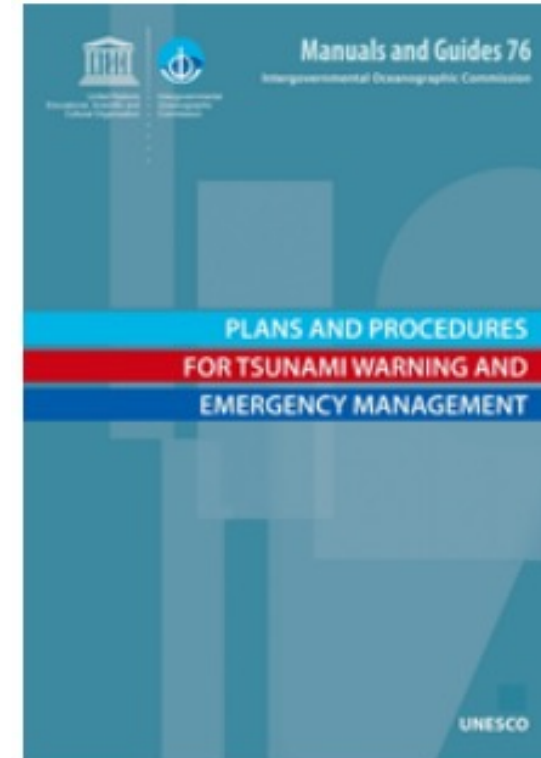
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Manual and Guide No 74



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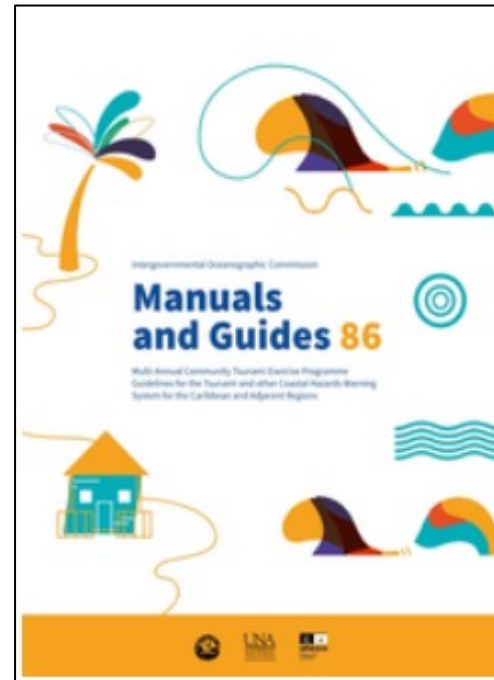
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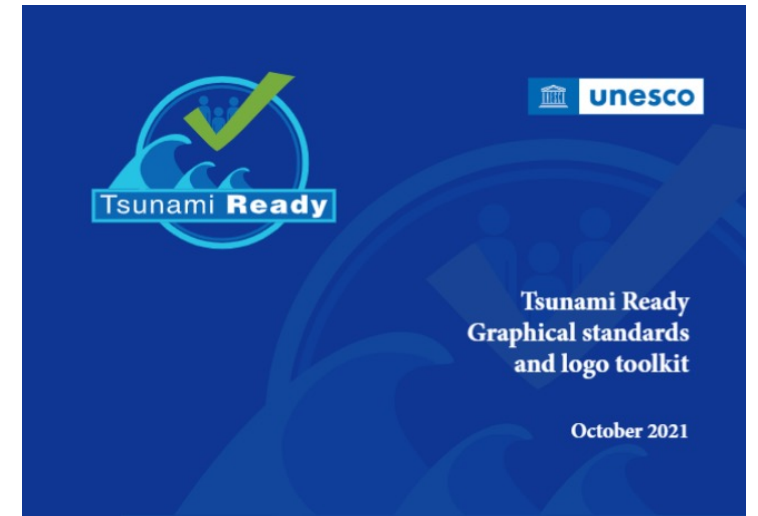
<https://unesdoc.unesco.org/ark:/48223/pf0000373019?posInSet=17&queryId=947ca611-1880-4ded-bb5a-4bd61c93c161>

Manual and Guide No 86



Multi-annual community tsunami exercise programme: guidelines for the tsunami and other coastal hazards warning system for the Caribbean and Adjacent Regions

<https://unesdoc.unesco.org/ark:/48223/pf0000380540.locale=en>



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.

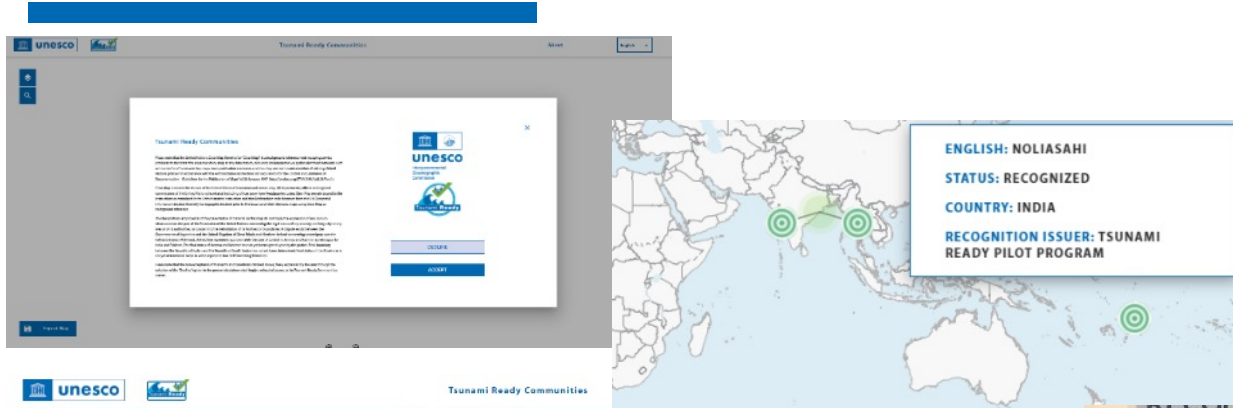
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Global Tsunami Ready Map

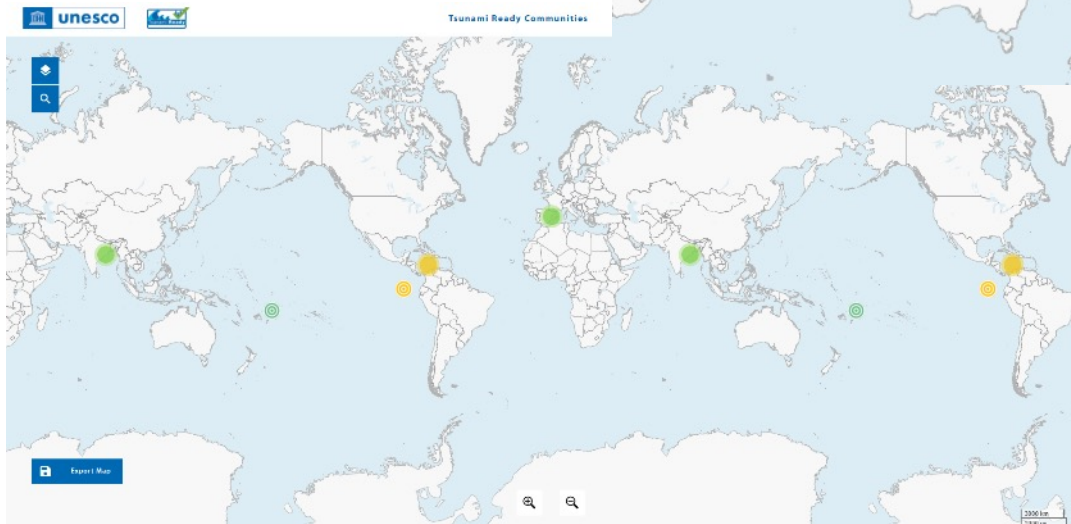


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<https://tsunamireadyviewer.ioc-tsunami.org/>



Tsunami Ready Website



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The screenshot shows the ITIC website with a navigation bar at the top containing 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' over a background image of a tsunami wave. Below the header is a breadcrumb trail: 'You are here: Home > Intergovernmental > UNESCO/IOC Tsunami Ready Programme'. A search bar is located on the right side of the header.

Home
Contact ITIC
General Info
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

Technical Info
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

UNESCO/IOC Tsunami Ready Programme

- Caribbean
- Pacific
- Indian Ocean
- North Atlantic and Mediterranean
- Background
- Pilot Programme

UNESCO/IOC Tsunami Ready Recognition Programme

The logo consists of a blue wave graphic on the left and a green checkmark on the right, both enclosed in a blue rectangular border. Below the wave is the text 'Tsunami Ready' in white on a blue background. To the left of the logo is the UNESCO logo and the text 'Intergovernmental Oceanographic Commission'.

IOC Tsunami Information Centres

- ITIC
- CTIC
- IOTIC
- NEAMTIC

ITIC CARIBBEAN OFFICE (ITIC-CAR)

Quick Links

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

Tsunami Ready Posters



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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

Strengthens 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 Intergovernmental Coordination Group for the Caribbean and Other Coastal Hazardous Warning System (ICG/CHWS) comprises 40 Member States and Territories and several partners

Some 15 communities in 12 countries are recognised as Tsunami Ready. Most communities are implementing tsunami ready through collaboration by national and community authorities, UNESCO/IOC Caribbean Tsunami Information Centre Offices, regional partners and other stakeholders

For more information or to initiate Tsunami Ready in the Caribbean, contact ICG/CHWS via icg@unesco.org or visit us to a tsunamiready.org

GET YOUR COMMUNITY TSUNAMI READY

Tsunami Ready in Indian Ocean

There are 28 Member States in the Indian Ocean under the Intergovernmental Coordination Group for the Indian Ocean Tsunami Warning and Mitigation System (ICG/IO-TWS)

Two Communities in India, Varkalaipur and Nollasah, and one Community in Indonesia, Tanjung Domba, have been recognised as Tsunami Ready

For more information or to initiate Tsunami Ready in the Indian Ocean Region, contact the Indian Ocean Tsunami Information Centre of UNESCO/IOC (IOTIC) via iotic@unesco.org or visit us to a tsunamiready.org

GET YOUR COMMUNITY TSUNAMI READY

Tsunami Ready in Northeast Atlantic and The Mediterranean Seas

There are 40 North-Eastern Atlantic, Mediterranean and connected Seas (NEAM) Member States under the Intergovernmental Coordination Group for the North-Eastern Atlantic, Mediterranean and connected seas Tsunami Warning and Mitigation System (ICG/NEAM-TWS)

Italy, Spain, France, Turkey, Malta, Cyprus, Morocco, Egypt and Greece are in process of implementing the UNESCO/IOC NEAM TWS Programme

For more information or to initiate Tsunami Ready in the NEAM, contact the International Tsunami Information Centre of UNESCO/IOC (ITIC) via itic@unesco.org or visit us to a tsunamiready.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 Intergovernmental Coordination Group for the Pacific Tsunami Warning and Mitigation System (ICG/PTWS)

Ten communities in five countries (Costa Rica, El Salvador, Guatemala, Honduras, Samoa) have been recognised as Tsunami Ready. An additional 30 communities 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 (ITIC) via itic@unesco.org or visit us to a tsunamiready.org

The ITIC is a joint partnership of the IOC and US NOAA.

UNITED NATIONS DECADE OF OCEAN SCIENCE FOR SUSTAINABLE DEVELOPMENT

Societal Outcome: **Safe Ocean**

... is 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 safe 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 tsunamis by 2030 through the implementation of the UNESCO/IOC Tsunami Ready Programme

GET YOUR COMMUNITY TSUNAMI READY

UNESCO/IOC Tsunami Ready Indicators

- ASSESSMENT 1**
Tsunami hazard zones are mapped and designated
- ASSESSMENT 2**
The number of people at risk in the tsunami hazard zone is estimated
- ASSESSMENT 3**
Economic, infrastructural, political, and social resources are identified
- PREPAREDNESS 1**
Easily understood tsunami reduction maps are approved
- PREPAREDNESS 2**
Tsunami information including signage is publicly displayed
- PREPAREDNESS 3**
Outreach and public awareness and education resources are available and distributed
- PREPAREDNESS 4**
Outreach and educational activities are held at least three times a year
- PREPAREDNESS 5**
A community tsunami exercise is conducted at least every two years
- RESPONSE 1**
A community tsunami emergency response plan is approved
- RESPONSE 2**
The capacity to manage emergency response operations during a tsunami is in place
- RESPONSE 3**
Redundant and reliable means to timely receive 24-hour official tsunami alerts are in place
- RESPONSE 4**
Redundant and reliable means to timely disseminate 24-hour official tsunami alerts to the public are in place

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Tsunami Ready Game



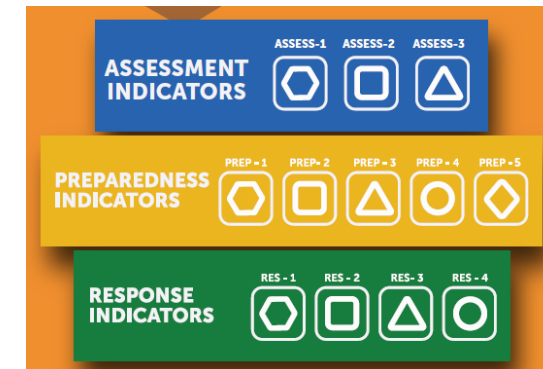
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- Could be played in different levels
1. Beginner (\pm 1 hour)
 2. Middle (\pm 2 hours)
 3. Advanced (\geq 2 hours)

Cards 375 (\pm 300 questions, 75 instructions)



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

Tsunami Ready Videos



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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>

Tsunami Ready Online Lecture Series



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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>

Tsunami Ready Courses (available in 2023/2024)



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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.

Tsunami Ready Supports



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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)

Vinaka Vaka Levu

For more information:
web: tsunamiready.org

Ardito Kodijat
a.kodijat@unesco.org

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



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