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Define National Programme-Structure and Composition:

4.1 National Tsunami Ready Board (NTRB) Technical Working Group (TWG)

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National Tsunami Ready Board



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INTERGOVERNMENTAL OCEANOGRAPHIC COMMISSION
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МЕЖПРАВИТЕЛЬСТВЕННАЯ ОКЕАНОГРАФИЧЕСКАЯ КОМИССИЯ

اللجنة الدولية الحكومية لعلوم المحيطات

政府间海洋学委员会

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IOC/VR/BA/eba
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To : Tsunami National Contacts (TNCs) and Tsunami Warning Focal Points (TWFP)
of ICG/CARIBE-EWS, ICG/IOTWMS, ICG-NEAMTWS, ICG/PTWS

- **Countries that wish to join the UNESCO-IOC TRRP are invited to initiate the recognition process through their Tsunami National Contact (TNC). This includes the establishment of a National Tsunami Ready Board (NTRB) (cf. Section 5 of Manuals and Guides, 74 ‘Implementation workflow for the recognition process’).**

National Tsunami Ready Board



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Composition:

- Members of NTRB consists of designated representatives of the:
- National Emergency Management Agency or Disaster Management Office(serves as Chair),
- NTWC,
- TNC,
- the scientific community, and other guests at the discretion of the NTRB Chair. (National Agencies or Expert Group)

National Tsunami Ready Board



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Responsibilities:

- Guiding the community and for the review and approval of the community's Tsunami Ready application
- To oversee the Tsunami Ready Recognition Programme, its administrative paperwork and implementation
- Establishment of the NTRB should be informed to the UNESCO/IOC ICG/PTWS Technical Secretary and ITIC.

The National Tsunami Ready Board (NTRB)

The National Tsunami Ready Board is comprised of, but not limited to, and depending on each country's settings:

- **National and Local Disaster Management Office (NDMO and LDMO)**
- **National Tsunami Warning Centre (NTWC)**
- **Ministries, national agencies, institutions and other relevant organizations,**
- **NGOs for Community Based Disaster Risk Reduction (DRR) or Disaster Risk Management (DRM)**
- **Tsunami National Contact (TNC)**
- **Community Representatives (Non-decision Member)**



Function, role, and responsibility:


- General oversight of the national Tsunami Ready program
- Advocate, supervise, and support activities to implement Tsunami Ready programme
- Manage resources for the Tsunami Ready programme
- Maintain consistency of the Tsunami Ready guidelines
- Coordinate and liaise and link Tsunami Ready activities with technical institutions and organizations
- Directs and oversees service improvements to the Tsunami Ready programme
- Oversees national Tsunami Ready database

Solomon Islands NTRB



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National Tsunami Ready Board - NTRB		
Country	Total amount of population of the country	Date of establishment of the NTRB
Solomon Islands	669,823	26 June 2021
Contact information of the NTRB Chair		
Full Name	David Hirasia	
Office/ Institution	Solomon Islands Meteorological Service	
Title	Director	
Mailing Address	P.O. Box 21, Honiara, Solomon Islands	
City	Honiara	
State, ZIP		
Phone	(677) 20332	
Email	David.hiba@met.gov.sb	
List of members of the NTRB ¹ (please indicate: name, institution and title)		
1. David Hirasia – SIMS/Director 2. Loti Yates – NDMO/ Director 3. Douglas Billy-Geology/ Director 4. Edward Maru – SIMS/ Chief Met Officer-Forecasting Office 5. George Baragamu – NDMO/Manager NEOC 6. Steve Erehiru-ICTSU/Ag Director 7. Laura Kong – ITIC/Director		
UNESCO/IOC ICG Technical Secretary Contacted: Jiuta Korovulavula		
Please add any important information:		
<ul style="list-style-type: none">• Board consists of the main key partners in the Tsunami Warning Arrangement.• Board is to meet once every quarter but can also additional meetings can be scheduled if there is a need.• A proper TOR is to be developed or if there is any existing TOR, then it should be reviewed and formally adopted.		
		

Technical Working Group



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Responsibilities

- Coordinate and liaise and link Tsunami Ready activities with technical institutions and organizations
- Design, Directs and oversees service improvements to the delivery of the Tsunami Ready programme
- Oversees national Tsunami Ready database

Technical Working Group



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Composition:

- **NDMO reps (Operations Manager/ GIS Officer)**
- **NTWC (SIMS)**
- **Provincial Governance Division and PG Strengthening Programme (Participatory Planning, Social Accountability, and Ward Committee)**
- **NGOs (AHP DRR partners)**
- **CBDRM Experts**

Technical Working Group



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Functions:

- Develop tools and approaches to achieve the 12 indicators
- Develop TR programme and budget
- **Coordinate delivery/implementation of activities**
- Identify target communities
- Establish community focal points
- Set up Implementation Team
- Develop meeting, training, workshop materials [A/P/R]
- Development of awareness materials [Preparedness]

**Tsunami Ready Recognition Programme
Fulfilment of the Indicators
Initial Recognition of Renewal**

<input checked="" type="checkbox"/> New Recognition	<input type="checkbox"/> Renewal Recognition
I. ASSESSMENT Indicators (Assess)	
Assess-1	Tsunami hazard zones are mapped and designated. <input checked="" type="checkbox"/> Verified
<input checked="" type="checkbox"/> Inundation modelling for maps	<input checked="" type="checkbox"/> Baseline tsunami zone for maps
Assess-2	The number of people at risk in the tsunami hazard zone is estimated. <input checked="" type="checkbox"/> Verified
<input checked="" type="checkbox"/> Approx. Number of people with disabilities	<input checked="" type="checkbox"/> Approx. Number of elderlies
<input checked="" type="checkbox"/> Approx. Number of young	<input checked="" type="checkbox"/> Approx. Number of workers
<input type="checkbox"/> Approx. Number of tourists	<input checked="" type="checkbox"/> Other (specify): Approx. Number of daytime and night-time
<input type="checkbox"/> Approx. Number of daytime population (summer)	<input type="checkbox"/> Approx. Number of night-time population (summer)
<input type="checkbox"/> Approx. Number of daytime population (winter)	<input checked="" type="checkbox"/> Approx. Number of wintertime population (winter)
Verification Team/Renewal Notes IOTIC's verification note: <ul style="list-style-type: none"> The FPRB members and the BPBD Kabupaten Malang will continue to have a sharing session among the members to ensure common knowledge and understanding of the tsunami hazard map in their village. FPRB members will develop the list of addresses and contacts of people with special needs, including pregnant women, and inform them of the contact information of the person in the FPRB Tambakrejo if there is an emergency. This will be reported annually.	
Assess-3	Available economic, infrastructural, political, and social resources are identified. <input checked="" type="checkbox"/> Verified
<input checked="" type="checkbox"/> Volunteer organizations	<input checked="" type="checkbox"/> Local or national budget
<input checked="" type="checkbox"/> Buildings and public spaces	<input checked="" type="checkbox"/> Local plans
<input checked="" type="checkbox"/> Local networks	
Other (specify):	
Verification Team/Renewal Notes IOTIC's verification note: <ul style="list-style-type: none"> The FPRB will continue to review and update the roles and responsibilities of their external resources (network and stakeholders) in their tsunami risk reduction plan. 	

II. PREPAREDNESS Indicators

Prep 1	Easily understood tsunami evacuation maps are approved. <input checked="" type="checkbox"/> Verified
	<input checked="" type="checkbox"/> Print <input checked="" type="checkbox"/> Digital media <input checked="" type="checkbox"/> Other (boards)
Prep 2	Tsunami information including signage is publicly displayed. <input checked="" type="checkbox"/> Verified
<input checked="" type="checkbox"/> Tsunami hazard zone signs	<input checked="" type="checkbox"/> Entering/leaving tsunami hazard zone signs <input checked="" type="checkbox"/> Evacuation routes signs
<input checked="" type="checkbox"/> Assembly areas signs	<input checked="" type="checkbox"/> Tsunami response education signs
<input checked="" type="checkbox"/> How to response	<input checked="" type="checkbox"/> Others: Evacuation Map
Verification Team Notes IOTIC Verification notes: <ul style="list-style-type: none"> The Head of the Village and FPRB Tambakrejo will formalize the agreement (in writing agreement) with the PERHUTANI and the rice field owner and witnessed by BPBD Kabupaten Malang to ensure the sustainability of the use of the TES and evacuation route. The village will immediately build a new and short cut evacuation route. The FPRB Tambakrejo will do regular review on the quality, material type, placement, and number (quantity) of the tsunami information board and signages to ensure they are permanent and durable. 	
Prep 3	Outreach and public awareness and education resources are available and distributed. Distribution should use <u>three or more</u> wide-reaching diverse methods. <input checked="" type="checkbox"/> Verified
<input checked="" type="checkbox"/> Brochures/flyers distributed at public venues	<input checked="" type="checkbox"/> Websites/social media
<input type="checkbox"/> Local faith-based and civic organization bulletins/mailings	<input checked="" type="checkbox"/> Billboard, roadside, highway, or educational signs
<input type="checkbox"/> Local radio and television	<input type="checkbox"/> Public utility/service industry bill safety notices
<input type="checkbox"/> Bulk email	<input type="checkbox"/> Historical markers and interpretive signs
<input type="checkbox"/> Newspaper Inserts	<input checked="" type="checkbox"/> Other: <u>Whatsapp Group</u>
Area of Distributions	
<input checked="" type="checkbox"/> Schools	<input checked="" type="checkbox"/> Community Centres
<input type="checkbox"/> Visitor Centre and Local Tourist Business e.q. restaurant, bars	<input type="checkbox"/> Child Care Centres
<input checked="" type="checkbox"/> Hotels, motels. And campgrounds	<input type="checkbox"/> Banks
<input type="checkbox"/> Marine Recreation Centres	<input type="checkbox"/> Health Centres
<input type="checkbox"/> Recreation Centres	<input type="checkbox"/> Port of Entries
<input type="checkbox"/> Information Centres	<input type="checkbox"/> Utilities Companies



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TR Implementation Planning



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INDICATOR	ACTIVITY	WHO IS RESPONSIBLE	MATERIALS	BUDGET
ASSESS-1. Tsunami hazard zones are mapped and designated				
ASSESS-2. The number of people at risk in the tsunami hazard zone is estimated	Survey Questionnaire Census PICRAFFI database	NDMO, NGOs, SIMS, GSD	Printed Forms	
ASSESS-3. Economic, infrastructural, political, and social resources are identified	Survey Questionnaire Census PICRAFFI database	NDMO, NGOs, SIMS, GSD	Printed Forms	
PREP-1. Easily understood tsunami evacuation maps are approved	Use Inundation Map to inform design the Evacuation Map. Use the Evacuation Guidelines to inform design the Evacuation Map	GIS Team NDMO, NGOs, SIMS, GSD	Approved and Printed Evacuation Map (PDF, JPG)	SBD 4000
PREP-2. Tsunami information including signage is publicly displayed				
PREP-3. Outreach and public awareness and education resources are available and distributed	Develop awareness messages Design IEC Materials (posters, stickers, billboards)	NDMO, NGOs, SIMS, GSD	Posters, PowerPoint Presentations, brochures, Billboards	SBD 4000