



United Nations
Educational, Scientific and
Cultural Organization



Intergovernmental
Oceanographic
Commission



2021 United Nations Decade
2030 of Ocean Science
for Sustainable Development

PTWS STRATEGY 2022-2030

Agenda Item 4.4

SARAH-JAYNE MCCURRACH (NZ)

ICG/PTWS WG1 CO-CHAIR
ICG/PTWS TT CHAIR PTWS KPI

DAVID COETZEE (NZ)

New Zealand Focal Point for PTWS
ICG/PTWS WG3 CHAIR

BACKGROUND INFORMATION

- Updated Strategy prepared as per ‘Recommendation ICG/PTWS-XXVIII.3’
- Recommendation requested the development of a *draft PTWS Medium-Term Strategy for 2022-2029 to be discussed by the PTWS Steering Committee in 2020, and approved by the next ICG/PTWS session in 2021. The draft Medium-Term Strategy for 2022-2029 should take in account the Sendai Framework for Disaster Risk Reduction, Key Performance Indicators (KPI) process and the PTWS drivers of the UN Decade of Ocean Science for Sustainable Development.*
- PTWS Steering Committee have reviewed and provided comments on a first draft. Final draft with all comments and feedback now ready to be agreed as final at ICG/PTWS XXIX.
- This presentation will provide an overview of key changes, amendments and additions

OVERVIEW

CONTENTS

- 1 PURPOSE OF THIS STRATEGY 5
- 2 CONTEXT 6
 - 2.1 Regional Context and Background..... 6
 - 2.2 Current State of the Pacific Tsunami Warning and Mitigation System (2019-2021) 8
 - 2.3 Aligned Global Frameworks 10
- 3 GUIDING PRINCIPLES 14
- 4 ACHIEVING OUR GOAL 16
 - 4.1 Strategic Objectives..... 16
 - Objective 1: Understanding and Managing Tsunami Hazard Risk..... 16
 - Objective 2: Tsunami Detection, Warning & Dissemination 17
 - Objective 3: Enhancing tsunami preparedness for effective community response..... 18
 - Objective 4: International Coordination and Cooperation and Partnerships 19
 - 4.2 How we will achieve the Objectives 19
 - 4.3 Role of Member States 20
- 5 MONITORING OUR PROGRESS 21

PURPOSE

WHY DO WE HAVE A STRATEGY?

To provide a **structured pathway for the governance and co-ordination** of the Pacific Tsunami Warning and Mitigation System (PTWS).

The Strategy, under the leadership of the UNESCO Intergovernmental Oceanographic Commission (IOC), the PTWS Intergovernmental Coordination Group (ICG) will **drive our work programme and keep us accountable, so we deliver on our Goal.**

This will be done via:

- A Steering Committee to provide guidance.
- Working Groups aligned with the Objectives of this Strategy to deliver on programmes of work.
- Task Teams to work on specific projects.

OUR MISSION

“Pacific Ocean ICG/PTWS Member States working together to manage tsunami risk and build our community’s resilience to tsunami hazard events in the Pacific Ocean and its marginal seas.”



PTWS VISION, GOAL & OBJECTIVES

OUR VISION

The countries of the Pacific Ocean and its marginal seas, are resilient to tsunami risk they face. Our Pacific communities are empowered to manage this risk, and actionably build their resilience so they can live, work, and thrive in a diverse, tsunami prone environment.

OUR GOAL

To build strong, knowledge aware communities regarding tsunami hazard and risk, by leading and delivering a modern and effective tsunami warning and mitigation system, improving access to tsunami hazard and risk information, and enabling prepared and aware communities. Subsequently, we agree to work together, via Member State participation to reduce risk and build resilience to tsunami hazards.

We will achieve this by delivering on the following Objectives:

1

Understanding and
Managing Tsunami
Hazard and Risk

2

Tsunami Detection,
Warning &
Dissemination

3

Enhancing tsunami
preparedness for
effective community
response

4

International
Coordination and
Cooperation and
Partnerships

CURRENT STATE OF THE PTWS

The current state of the PTWS has been developed from the analysis of Member State's self-assessment of their performance, against the PTWS Framework for Future Goals and Performance Monitoring of Risk Reduction Tsunami Hazard Warning and Mitigation.

An update of the current state will be provided when this Strategy is reviewed in 2030.

Areas for improvement, with associated recommendations have been made to ICG/PTWS XXIX, in the ICG/PTWS XXIX Future Goals and Performance Monitoring Report.

STRATEGY ALIGNMENTS

- 1 Sendai framework for disaster risk reduction 2015-2030
- 2 United Nations Decade of Ocean Sciences for Sustainable Development – A Safe Ocean
- 3 IOC Strategy for Global Tsunami and Other Ocean Hazards, Warning and Mitigation Systems



1. SENDAI FRAMEWORK FOR DISASTER RISK REDUCTION 2015-2030

Target G: aims to enhance of prevention and preparedness

Substantially increase the availability of and access to multi-hazard early warning systems and disaster risk information and assessments to the people by 2030

“...global and regional levels” should promote and conduct comprehensive surveys on multi-hazard disaster risks and the development of regional disaster risk assessments and maps, (UNISDR 2015b, p. 10). To realise that goal, non-sensitive, local-level data with reference to past events (spatial and temporal information), their financial impact – must become broadly available to conduct reliable risk assessments



2. UN DECADE OF OCEAN SCIENCE FOR SUSTAINABLE DEVELOPMENT



2021 United Nations Decade
2030 of Ocean Science
for Sustainable Development





THE OCEAN DECADE TSUNAMI PROGRAMME

the Focus Areas Related to Tsunami Preparedness

THE MAIN SOCIAL OUTCOME

TO MAKE
100%

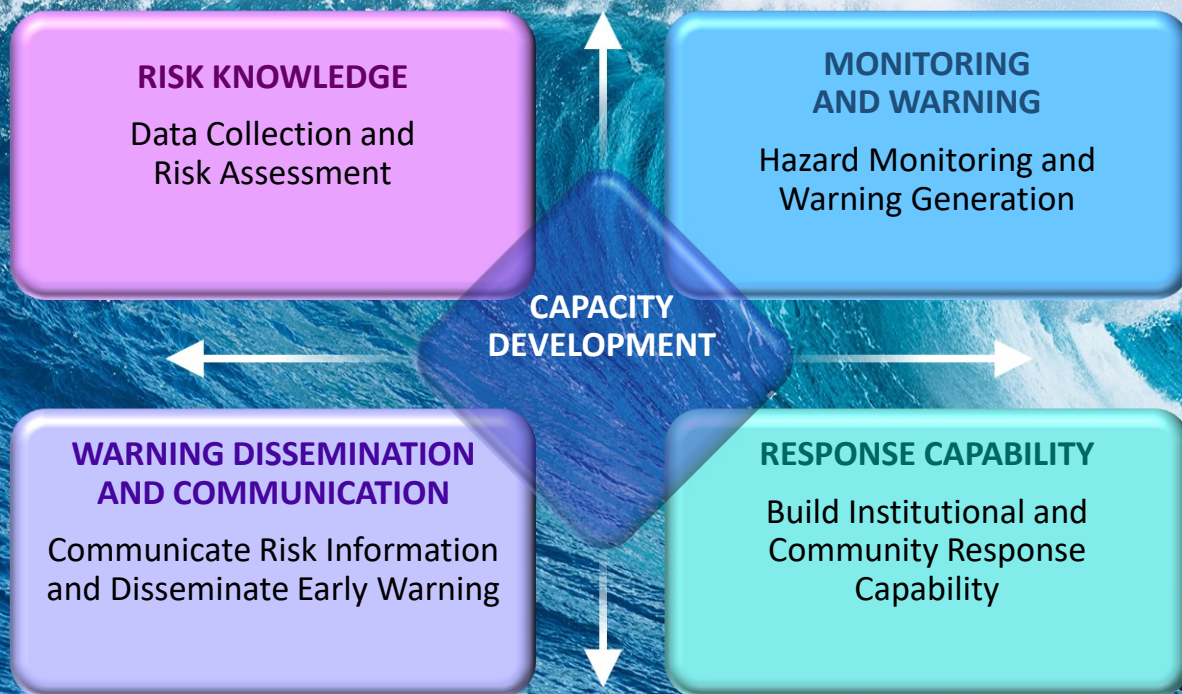
OF COMMUNITIES AT RISK OF TSUNAMI
PREPARED FOR AND RESILIENT TO TSUNAMIS

BY
2030

3. IOC Strategy – A Framework for Global Tsunami and Other Ocean Hazards Warning and Mitigation Systems

Supports ICG's and its Member States to assess tsunami risk, implement Tsunami Early Warning Systems (TEWS) and educate communities at risk of tsunami.

IOC PEOPLE-CENTRED TSUNAMI WARNING AND MITIGATION SYSTEM



Intergovernmental
Oceanographic
Commission

OTHER NOTABLE EDITS/REFINEMENTS

Guiding principles

Achieving our Goal and Strategic Objectives

Meeting our Objectives

Role of member states

Member States including their TSP's are expected to align their activities with this strategy and contribute to the fulfillment of its objectives, to improve tsunami risk management in their coastal communities.

Monitoring our progress

Monitoring the performance of the PTWS against the Strategy is critical to ensure we are progressing toward our Vision; we are held accountable and can identify gaps and opportunities.

Measuring progress will rely on the annual assessment of ICG/PTWS Working Groups, Task Teams and Member State contributions and participation. Our capacity as a collective and individual States will be dependent on our resources and abilities. These can be identified via annual review.

NEXT STEPS:

- 1 Agree on final draft and publish as final.
- 2 Steering Committee, Working Groups and Task Teams to ensure the Strategy is used when setting its work programmes.
- 3 Member States and Steering Committee agree to monitor progress against the Strategy via the PTWS and/or Global Tsunami Performance & Monitoring Framework.

