

Monitoring the Progress of Implementation of Recommendations of the PTWS-XXIX

Recommendation	Task	Responsibility	Timeframe	Progress
Recommendation ICG/PTWS-XXIX.1 ICG/PTWS Governance	Requests Member States to share any new forms of sea level data for tsunami warning purposes in accordance with the IOC Oceanographic Data Sharing Policy,	<i>Member States</i>		In progress
	Decides to carry out a tenth Exercise Pacific Wave in 2022 (PacWave 22) in the months of September through to November 2022 to support International Disaster Risk Reduction Day (13 October) and World Tsunami Awareness Day (5 November);	Task Team on PacWave Exercises	Before PTWS XXX	Done September – November, 2022
	Decides further that PacWave 22 will be conducted as a series of regional exercises organized through the PTWS Regional Working Groups where applicable, with support from the PTWS TSPs and ITIC, involving all PTWS countries, with one live communications test from the PTWS TSPs to Member States on 13 October 2022;	Task Team on PacWave Exercises + Regional WGs + TSPs + Member States	Before PTWS XXX	Done September – November, 2022
Recommendation ICG/PTWS-XXIX.2 Understanding Tsunami Risk	Agrees to support a scientific meeting of experts on the New Hebrides Trench; a meeting of Scientific Experts on the New Hebrides Trench would allow better assessment of uncertainties in tsunami hazard associated with this Subduction Zone and Back Arc. Situated between Vanuatu and New Caledonia, the Subduction Zone and Back Arc is extremely active, having very recently produced >M7 earthquakes, most tsunamigenic;			
	Further agrees to support a scientific meeting of experts to discuss tsunami sources, hazard and risk			

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	associated with the Chile-Perú subduction zone; this proposed meeting will focus on the uncertainties of tsunami hazard and risk in the Chile-Perú border region and identify and quantify credible tsunami sources along the Chile-Perú subduction zone.			
Recommendation ICG/PTWS-XXIX.3 Tsunami Detection, Warning and Dissemination	Recommends that the PTWS Earthquake Source Zone be expanded to include the southernmost Atlantic seismic region to routinely provide Member States of the PTWS with information about the frequent large earthquakes from this region and any subsequent tsunami threat;	WG2	Before PTWS XXX	In Progress
	Requests Working Group 2 to consider the inclusion of terrestrial GNSS data up to 200km from coastlines under UN Decade of Ocean Science for Sustainable Development key outcomes “Safe oceans” and “Accessible oceans” leading to Challenge 6 “Increase community resilience to ocean hazards”;	WG2	Before PTWS XXX	In Progress
	Requests Working Group 2 to consider re-evaluating time-based (i.e., local, regional, distant) event categories based on improvements in warning times and better understanding of the properties of natural warning signs for seismically triggered tsunamis;	WG 2		In progress
	Recommends that Member States make data from their GNSS networks publicly available in real-time, and that all stations within 200 km of the coast are included since such inland stations also provide valuable constraints on tsunami excitation;	Member States		In Progress
	Encourages the JTF SMART Cable project to continue its activities to promote current and future	SMART Cable Task Team		In Progress

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	<p>projects for “wet demonstrators,” pilots, and operational SMART cable systems; Promotes the concept of SMART cables to facilitate related projects and deployment of SMART cables; Encourages the IOC to actively participate as a full member in the JTF to deploy SMART cables for ocean observations and disaster risk reduction, and that the IOC, ITU, and WMO collaborate together towards this end; Encourages IOC Member States to endorse the ITU WTSA-20 SMART Resolution through their ITU focal points.</p>			
<p>Recommendation ICG/PTWS-XXIX.4 Disaster Risk Management and Preparedness</p>	<p>Adopts and continues to implement the UNESCO-IOC Tsunami Ready Guidelines and Indicators as the international standard for evidence-based community preparedness for tsunamis; Urges the publication of IOC MG 74 <i>Standard Guidelines for the Tsunami Ready Recognition Programme</i> to support implementation of Tsunami Ready; Urges Member States to use these Guidelines to implement Tsunami Ready in their communities;</p>	<p>IOC Secretariat Member States</p>	<p>Before PTWS XXX</p>	<p>Done</p>
	<p>Requests Working Group 3 to:</p> <ul style="list-style-type: none"> • Ensure the advocacy for Tsunami Ready is aligned with other PTWS and IOC documents, • Provide advice on the Tsunami Ready workflow as it pertains to the PTWS and regions, • Support the ITIC’s efforts to develop standardized training under the framework of the OTGA, such as through feedback on content and 	<p>WG3</p>	<p>Before PTWS XXX</p>	<p>In progress</p>

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	<p>helping to test trainings before officially deployed,</p> <ul style="list-style-type: none"> • Advocate as a priority for enhanced access to high-resolution bathymetry and topography for inundation modelling, • Advocate for science and emergency management to work together in the application of probabilistic based risk mitigation, • Advise Working Group 1 on the tsunami source needs for Member States, • Include consideration of Local Tsunami Sources, where applicable, in Tsunami Ready preparedness, • Advocate for enhanced integration of mitigation measures to minimize disaster impacts, i.e. rapid restoration of socio-economic activities and critical infrastructure services, • Advocate best practices in engineering design and construction of evacuation shelters, especially against local tsunamis, • Encourage use of School Disaster Risk Reduction / preparedness materials, as compiled by the IOC IOTIC, • Explore, in cooperation with the TOWS Task Team on Disaster Management and Preparedness, ways to recognize communities that choose not to implement the UNESCO/IOC Tsunami Ready programme, as compliant with the Tsunami Ready indicators, • Help identify sources of funding in support of the implementation of Tsunami Ready. 			

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<p>Recommendation ICG/PTWS-XXIX.5 Start of Operation of Central America Tsunami Advisory Center (CATAC)</p>	<p>Decides to support the efforts and progress made by Nicaragua in the creation of the Central America Tsunami Advisory Centre (CATAC), as a tsunami service provider (TSP) within the framework of the ICG/PTWS; Requests the CATAC to make an effort in order to use the Global Telecommunication system (GTS) for dissemination of information and to make English format of information for the global communication; Decides to admit the start of CATAC's full functionality on the interim service as of 17 January 2022.</p>	<p>CATAC</p>	<p>Before PTWS XXX</p>	<p>In Progress</p>
<p>Recommendation ICG/PTWS-XXIX.6 Task Team on Future Goals and Performance Monitoring</p>	<p>Urges all regional groups to promote completion of the survey, by all countries in of their region, to have the required information from 100% of the ICG/PTWS Member States. We require stronger promotion of reporting on the framework via the online survey tool, given the low number of Member States who completed the last round of national reporting and assessment against the framework. The ICG/PTWS needs to emphasise the importance of performance assessment. The revision of the survey, including its simplification, should encourage Member State participation;</p>	<p>Member States + Regional WGs</p>		<p>In Progress</p>
	<p>Requests Working Group 1 to ensure the information used for in-country tsunami risk management is based on sound, tested methodologies, before these are made public. Working Group 1 should help countries identify gaps and areas for improvements in tsunami risk assessments and develop guidance to support</p>	<p>WG1</p>		<p>In Progress</p>

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	countries in the translation of risk-based information into planning and preparedness activities;			
	Requests Working Group 1 to develop guidance and work with Member States on tsunami risk reduction initiatives. This should include assessments on risk tolerance at the community and governance level. Risk reduction incentives and initiatives should not be seen as longterm goals. Reducing risk are clear goals and targets of the Sendai Framework for Disaster Risk Reduction and the UN Decade, and in turn, the PTWS Strategy. By implementing risk reduction incentives and/or initiatives, we increase the resilience of our communities;	WG1		In Progress
	Directs the Task Team on Future Goals and Performance Monitoring to find ways to support countries to have a ‘holistic’, streamlined approach to reporting, i.e. reporting on the PTWS Performance Framework should be used in in-country reporting on the Sendai Framework for Disaster Risk Reduction and the UN Decade. This will reduce double handling of information and improve governance of tsunami hazard; Endorses the PTWS Task Team on the UN Ocean Decade to use the results from this survey to identify possible resources and areas for improvement that will align with delivery on the UN Ocean Decade, to then suggest possible projects or programmes of work for the current PTWS Working Groups; Directs Working Group 3 to promote improved	Task Team on Future Goals and Performance Monitoring + Task Team on UN Ocean Decade		In Progress

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	tsunami response planning and public education initiatives that are founded on tsunami risk assessments and underpinned by inundation modelling and evacuation planning for all at-risk communities.			
Recommendation ICG/PTWS-XXIX.7 UN Decade of Ocean Science for Sustainable Development (2021-2030)	Decides to establish an ICG/PTWS Task Team on the Ocean Decade under the PTWS Steering Committee with Terms of Reference as indicated under Appendix 1 to Recommendation ICG/PTWS-XXIX.1;		At the PTWS XXIX	Done
	Urges Member States to engage and contribute to the co-design and co-delivery of Ocean Science for Sustainable Development and the Ocean Decade Tsunami Programme;	Member States		In Progress
	Decides to include a permanent agenda item on the Ocean Decade in the Policy section of its regular meetings.			