

**Twenty-eighth Session of the Intergovernmental Coordination Group for the Pacific
Ocean Tsunami Warning and Mitigation System
(ICG/PTWS-XXVIII)**

Barcelo Montelimar, Nicaragua

2–5 April 2019

DRAFT ANNOTATED PROVISIONAL AGENDA

1. WELCOME AND OPENING OF SESSION

The master of ceremony Mr **Juan Danilo Parajon** will make a call of order and will invite authorities to address the Plenary as follows:

- Dr. Vladimir Gutiérrez, Co-Director del INETER
- Lic. Xochilt Cortéz Stubbart, Co-Directora de SINAPRED
- Brigadier General Rogelio Flores, Director of the Civil Defense of Nicaragua
- Prof. Miguel De Castilla, UNESCO Nicaragua,
- Video message of the Executive Secretary of IOC, Dr Vladimir Ryabinin,
- Ms Esther Kuisch Laroche, Director, UNESCO San José,
- The Chair of the ICG/PTWS, Dr Wilfried Strauch, who will declare open the 28th Session of the ICG/PTWS

Immediately after the opening the Master of ceremony will suspend the meeting for a few minutes to proceed with a group picture.

2. ORGANIZATION OF THE SESSION

2.1 ADOPTION OF AGENDA

The Chairperson will inform the Plenary that the agenda was prepared by the Secretariat and the Officers in consultation with the PTWS Steering Committee taking into account the Recommendations and instructions given at ICG/PTWS-XXVII, as well as the relevant parts of the IOC Rules of Procedures.

He will refer to document [**DRAFT PROVISIONAL AGENDA**](#)

The agenda will be then approved as is or with other changes as decided by Delegates.

2.2 DESIGNATION OF THE RAPPORTEUR

The Chairperson will inform Delegates that as per usual procedure a Rapporteur for the meeting needs to be appointed. At the Steering Committee meeting the Chair was

informed that USA and Nicaragua may propose candidates for Rapporteur. They will be supported by the Secretariat, as in the previous session.

2.3. CONDUCT OF THE SESSION, TIMETABLE AND DOCUMENTATION

The Chairperson will note that interpretation is available for this session on Spanish/English.

He will further note that as customary, all the documentation is available in the website of the meeting, mainly in English.

The Chairperson will inform that to guide the delegates an Annotated Agenda (this document) has been provided, as document **ICG/PTWS-XXVIII/2 Prov (this document)**

He will inform the Plenary that in order to facilitate the proceedings of the meeting a Timetable has been prepared by the Secretariat in coordination with the Officers, the local organising committee and the PTWS Steering Committee. **Time for National Reports has been shifted to Thursday AM.**

He will refer to document [ICG/PTWS-XXVIII/ PROVISIONAL TIMETABLE](#)

He will note that a **deadline for nominations of candidates for Officers** has been set to **Wednesday 3 April at 17:00 hrs** and a **deadline for submission of Draft Recommendations** through the Secretariat has been set to **Thursday 4 April at 18:00 hrs**.

The Chairperson will indicate that the Session on Tuesday 28 March will end at 17:30, and a reception will follow at 7 PM. There will also be a field trip that has been organised, on Thursday 4 April afternoon, to visit the Hotel warning system & Masachapa community warning system which are part of the Nicaraguan Tsunami Warning System.

At this point He may wish to offer the floor to the local Organising Committee (Mrs Rosario Aviles) to provide logistic details about the field trip, welcome reception and about the logistics for working groups and plenary. A representative of the hotel will introduce hotel security measures.

He will then propose to the Plenary to constitute two statutory sessional groups:

- Elections Commission, The Steering Committee proposes David Coetzee, (New Zealand) as Chair for this Group Chair.
- Recommendations Committee, the PTWS Steering Committee proposes Hing Yim Mok (China Hong Kong) as Chair for this Group.

The Chair will ask Member States to nominate members to both groups.

In order to smooth the work of the session and facilitate the generation of recommendations and agreements the plenary will be asked to set up SIX intra-sessional Working Groups to address some of the major issues addressed at the meeting. The chair

will inform the plenary that the PTWS Steering Committee, proposed the following sessional groups:

- Working Group 2 – Local-Source Tsunami Response Best Practice & Draft National Tsunami Warning Centre Competency Framework (Chair: Ken Gledhill)
- Working Group 2 – Tsunami Service Provider Users Guides (Chair: Charles McCreery)
- Working Group 3 - Tsunami Ready (Chair: David Coetzee)
- PacWave21 – (Chair: Laura Kong)
- Task Team on Future Goals and Performance Monitoring+ PTWS Status Report (Provisional)
- PTWS and the UN Decade of Ocean Science for Sustainable Development (2021–2030) (Chair: Mike Angove)

Member States will be asked to indicate which WGs they want to join and a chair for each of the sessional groups will be nominated.

Chair will indicate that Wednesday PM, starting at 2:30 PM, is dedicated to sessional Working Groups. WGs should coordinate the booking of designated rooms with the Secretariat and the Local Organising Team.

At this point he will ask Mr Bernardo Aliaga, Technical Secretary to inform the Meeting about the forth-coming Election of Officers, according to IOC Rules and Procedures.

The Chairperson will request that the time used to reporting is reduced as much as possible to concentrate on the exchange of views and decisions on policy matters. He will ask Member States if the national reports can be given without PPT, and the PPTs provided to the Secretariat for posting to the website. As well, Member States are kindly asked to provide a written statement (5 to 10 lines) to the Secretariat for the Report.

The chairperson will then open the floor for comments from delegates on the Timetable. The Timetable will be approved as is or with the amendments decided by Delegates.

3. REPORT ON INTERSESSIONAL ACTIVITIES

3.1 CHAIR'S REPORT

The Chair will present his Report for the intersessional period 2017 – 2019.

After his report, the Chairperson will open the floor for comments from Delegates.

3.2 SECRETARIAT REPORT

The Technical Secretary for ICG/PTWS, Mr. Bernardo Aliaga will present the report of the Secretariat focusing on actions led or coordinated by the Secretariat during the intersessional period 2017 – 2019, including extrabudgetary funded projects.

After his report the floor will be open for comments from Delegates.

3.3 TOWS-WG REPORT

Under this agenda item the Chair will inform to the plenary that two meetings of the Working Group on Tsunamis and Other Hazards Related to Sea-Level Warning and Mitigation Systems (TOWS-WG) have been held in the intersessional period. He will indicate that the most recent one was held on February 2019, at UNESCO Headquarters, Paris, France. He will invite David Coetzee (Chair Inter-ICG Task Team on Disaster Management and Preparedness) to summarise the main aspects of [TOWS WG-XII](#).

3.4 WARNING & ADVISORY SERVICES REPORT

The Chair will offer the floor to the representatives of PTWC and the NWPTAC to present their reports.

3.4.1 PTWC

Dr. CHIP McCREERY will present PTWC's Report. The floor will be open to comments from Delegates after his report.

3.4.2 NWPTAC

Mr Yuji NISHIMAE, Senior Coordinator for International Earthquake and Tsunami Information, Japan Meteorological Agency (JMA) will present this agenda item together with item 4.5.

3.5 ITIC'S REPORT

The Chair will ask the Director of UNESCO/IOC's International Tsunami Information Center, Dr. Laura Kong to present her report. The floor will be open to comments from Delegates after her report.

3.6 NATIONAL PROGRESS REPORTS

The Chair will remind the Meeting that written reports have been requested through [Circular Letter 2756](#) providing a National Report Template with an online modality. These have been received in advance of the Session or ~25 countries. They have been made available and posted at the meeting website. He will ask Delegates to make short statements of no more than five minutes focussed on key points of their National Reports that may have implications for the policy discussion, and to not use PPTs.

At the time of writing this Annotated Agenda 26 Member States: Australia, Canada, Chile, China, Colombia, Cook Islands, Costa Rica, El Salvador, France - French Polynesia, France-New Caledonia, Fiji, Honduras, Japan, Malaysia, Mexico, New Zealand, Nicaragua, Papua New Guinea, Peru, Philippines, Russian Federation, Singapore,

Thailand, Tonga, United States of America, Vanuatu and Vietnam, have submitted National Reports.

3.7 WORKING GROUP REPORTS

The Chair will ask the Chairpersons of the Working Groups to present their reports to the Plenary.

WG1 Dr. Diego Arcas (USA), Co-Chair WG1. Understanding Tsunami Risk

WG2 Dr Ken Gledhill (New Zealand) Chair WG2 on Tsunami Detection, Warning and Dissemination. Dr Laura Kong (ITIC) will report on the International Tsunami Survey Team – Palu Earthquake and Tsunami

WG3 Mr David Coetzee (New Zealand). Chair WG 3 Disaster Risk Management and Preparedness

WG4 Dr Silvia Chacon (Costa Rica) Chair of the Regional Working Group on Tsunami Warning and Mitigation System on the Central American Pacific Coast

WG5 Captain Jean Carlo Amayo (Peru) on behalf of the Regional Working Group on Tsunami Warning and Mitigation System in the South East Pacific Region

WG6 Mr Ofa Fa'anunu (Tonga), Chair Pacific Island Countries and Territories Regional Working Group on Tsunami Warning and Mitigation System .

WG 7 Dr Hing-yim Mok, on behalf of the Chair of the Regional Working Group on Tsunami Warning and Mitigation System in the South China Sea

Delegates will be requested to comment/decide on the recommendations of the Working Groups and to either confirm or modify its Terms of Reference, extending its mandate until ICG/PTWS-XXIX, electing chairs for them and nominating national experts to the Working Groups as necessary. The same decisions should be taken for Task Teams established at ICG/PTWS XXVII. The chair will indicate that the current Terms of Reference, Chairs and members are posted as documents in the meeting website, to facilitate the work of the plenary.

3.8 REPORT OF THE TT ON FUTURE GOALS AND PERFORMANCE MONITORING

Chair Wilfried Strauch will remind the Plenary that the Task Team on Future Goals and Performance Monitoring was established to develop a framework for future goals and performance monitoring measures for PTWS Tsunami Service Providers (TSPs), National Tsunami Warning Centres (NTWCs), and national warning systems. He will ask Sarah Jayne McCurrach (New Zealand), to report on the status of the tasks commended to the Task Team.

He will then offer the floor to Member States to provide guidance on the way forward, reminding them that the deliberations on this agenda item would also impact on item 4.1 on PTWS Status Report.

3.9 REPORT OF THE TASK TEAM ON EVACUATION PLANNING AND MAPPING

The Chair will recall that the 26th session the PTWS decided to establish the Task Team on Evacuation Planning and Mapping, to develop a new programme aimed at facilitating tsunami resilience through community preparedness, specifically through the preparation of tsunami evacuation maps and associated response plans for tsunami-vulnerable coastal communities. He will ask Dr Laura Kong, ITIC's Director and Chair of the Task Team to report on the results of the Task Team work.

He will then offer the floor to Member States to provide guidance on the way forward, reminding them that the deliberations on this agenda item would also impact on item 4.2 on Evacuation Planning and Mapping.

3.10 REPORT PACWAVE 18

Dr Laura Kong (Co-Chair) will be invited by the Chair to report on the results of PacWave18. He will invite Member States to comment on the results of these two exercises and to participate at the intra-sessional meeting on PacWave21.

3.11 STATUS OF PROGRESS IN OTHER ICGS

This item will be presented by representatives of the ICGs attending the meeting, as follows: for IOTMWS (Yuelong Miao, Australia) and for ICG/CARIBE EWS (Dr. Silvia Chacon, Costa Rica). After each of these reports the floor will be open for comments from Delegates.

3.12 REPORTS FROM UN AND NON UN ORGANISATIONS

The Chair will ask representatives of UN and other Organizations to report to the Meeting. Reports are expected as follows:

Mr. Bruce HOWE Chair, Joint Task Force (JTF), ITU/WMO/IOC SMART Cables for Observing the Ocean

M Mike Angove, World Data Services for Geophysics

Ms. Litea BIUKOTO, Senior Advisor Risk Reduction, Disaster Risk Programme, Secretariat of the Pacific Community - Regional Office.

4. POLICY MATTERS

4.1 PTWS STATUS REPORT

Chair Strauch, will indicate that Through IOC Circular Letter No 2756 dated 11 February 2019, it was distributed to Member States the Framework for Future Goals and Performance Monitoring of Tsunami Risk Reduction, Hazard Warning, and Mitigation

with the request to prepare and issue the first online National Report (2017–2018) against Key Performance Indicators. Based on the national submissions a first PTWS Status Report should be prepared. He will invite Sarah Jayne McCurrach (New Zealand) to present the work achieved and pending tasks.

He will then offer the floor to the Delegates to intervene on this agenda item. This agenda item will be revisited after the session of the Working Groups.

4.2 FUTURE WG AND TT STRUCTURE

Chair Wilfried Strauch will introduce this agenda item that is suggested by the PTWS Steering Committee to obtain Member States' views about the best way of organising the inter-sessional work. Chair will invite Mr David Coetzee (New Zealand) to present a discussion document.

The Chair will offer the floor to the Delegates to intervene on this agenda item.

4.3 EVACUATION PLANNING AND MAPPING

The Chair will recall that the 26th session of the PTWS established a Task Team on Evacuation Planning and Mapping, to develop a new programme aimed at facilitating tsunami resilience through community preparedness, specifically through the preparation of tsunami evacuation maps and associated response plans for tsunami-vulnerable coastal communities. The 27th session of the PTWS decide to sunset and establish a new Task Team on Evacuation Planning and Mapping (TEMPP) and Tsunami Ready. He will ask Dr Laura Kong, ITIC's Director and Chair of the Task Team to introduce this agenda item.

He will then offer the floor to the Delegates to intervene on this agenda item. This agenda item will be revisited after the session of the Working Groups.

4.4 TSUNAMI READY RECOGNITION

The Chair will recall that Tsunami Ready is a framework for building resilient communities through awareness and preparedness strategies that will save lives from tsunamis. He will further recall that the PTWS Task Team on Tsunami Evacuation Maps, Plans, and Procedures (TEMPP) and Tsunami Ready was tasked to "Facilitate the piloting of the current CARIBE-EWS Tsunami Ready guidelines, as recommended by the TOWS WG (Feb 2017) for reporting back to the next PTWS with a view to develop PTWS guidelines. Within this process the Task Team should take advantage of the TEMPP Process in piloting the Tsunami Ready community recognition program.

Chair will ask Dr Laura Kong, Chair of the Task Team, to report on this agenda item.

He will then offer the floor to the Delegates to intervene on this agenda item.

4.5 NWPTAC ENHANCED PRODUCTS

Chair will recall that in the pursuit of improving PTWS tsunami warning products, Japan announced at the IOC Executive Council in July 2014, that the Northwest Pacific Tsunami Advisory Centre (NWPTAC) would also be preparing new products based on the

requirements of the recipient countries. Following this announcement, during the 4th Meeting of the PTWS Steering Committee (SC) in July 2014, a proposed timeline for the NWPTAC to develop and introduce Enhanced NWPTAC Products, targeting 2018 for its complete transition. Mr Yuji NISHIMAE will present the report for this agenda item, together with the [REPORT OF NWPTAC](#). (Agenda item 3.4.2) The floor will be open to comments from Delegates after his report.

The Chair will offer the floor to the Delegates to intervene on this agenda item.

4.6. SOUTH CHINA SEA TSUNAMI ADVISORY CENTER

Chair will recall that at its 26th session the ICG PTWS established a Task Team, within the South China Sea Sub-Regional WG Task Team, on Establishment of a South China Sea Tsunami Advisory Center (SCSTAC). He will recall that this Task Team has reported to the WG on the South China Sea region, which has oversight its development. He also recalled that Recommendation ICG/PTWS-XXVII.3 provided guidance on the Trial and Full Operation of South China Sea Tsunami Advisory Centre.

Chair asks Dr Dakui Wang (China), to report under this agenda item.

The Chair will report that a Draft Recommendation has been made available for this subject and is posted to the meeting website.

4.7. CENTRAL AMERICA TSUNAMI ADVISORY CENTER

Chair will recall that at its 27th session Nicaragua and the Regional Working Group on Tsunami Warning and Mitigation System on the Central American Pacific Coast reported progress on the establishment of a Central America Tsunami Advisory Center (CATAC). He will indicate that Mr Emilio Talavera will report under this agenda item.

The Chair will report that a Draft Recommendation has been made available for this subject and is posted to the meeting website.

4.8. PACWAVE 21

The Chair will recall Exercise Pacific Wave 21 (PacWave21) will be the ninth Pacific-wide drill.

The Chair will remind delegates that a sessional Working Group will discuss about this matter.

The Chair will offer the floor to the Delegates to intervene on this agenda item.

4.9. UN DECADE OF OCEAN SCIENCE FOR SUSTAINABLE DEVELOPMENT

Chair Wilfried Strauch will inform Member States that by Resolution A/RES/72/73, the UN General Assembly proclaimed the UN Decade of Ocean Science for Sustainable Development (2021–2030) in December 2017 and mandated the IOC to prepare an Implementation Plan in consultation with Member States, UN partners and other relevant stakeholders.

A Roadmap, detailing the governance arrangements of the preparation phase, as well as the preliminary objectives and expected outcomes of the Decade, was developed under the guidance of IOC Officers and circulated to IOC Member States through Circular Letter 2712. A [Revised roadmap for the UN Decade of Ocean Science for Sustainable Development](#) is now available.

Chair will ask Mr Mike Angove (USA) to present a proposal on how PTWS and ICGs could contribute to the Decade, contained in the document [Tsunami: Taking on the Oceans most dangerous waves_Ocean Decade](#).

The Chair will offer the floor to the Delegates to intervene on this agenda item.

5. PROGRAMME AND BUDGET FOR 2020-2021

This agenda item will be only informational and will be presented by Mr Bernardo Aliaga, Technical Secretary of the ICG/PTWS.

6. NEXT SESSION

For guidance, the [complete list of hosts for ITSU and PTWS meetings](#) including is copied below (the website includes participation of countries):

ICG Session	Date	Place	
ICG/ITSU-I	Mar 25 - 28, 1968	Honolulu, HI, USA	North America
ICG/ITSU-II	May 12 - 14, 1970	Vancouver, BC, Canada	North America
ICG/ITSU-III	May 8 - 12, 1972	Tokyo, Japan	Asia
ICG/ITSU-IV	Feb 4 - 7, 1974	Wellington, New Zealand	South West Pacific
ICG/ITSU-V	Feb 23 - 27, 1976	Lima, Peru	South America
ICG/ITSU-VI	Feb 20 - 25, 1978	Manila, Philippines	Asia
ICG/ITSU-VII	Mar 3 - 7, 1980	Viña del Mar, Chile	South America
ICG/ITSU-VIII	Apr 13 - 17, 1982	Suva, Fiji	South West Pacific
ICG/ITSU-IX	Mar 13 - 17, 1984	Honolulu, HI, USA	North America
ICG/ITSU-X	Aug 1 - 3, 1985	Sidney, BC, Canada	North America
ICG/ITSU-XI	Sep 8 - 12, 1987	Beijing, People's Republic of China	Asia
ICG/ITSU-XII	Aug 7 - 10, 1989	Novosibirsk, USSR	Asia
ICG/ITSU-XIII	Sep 10 - 13, 1991	Ensenada, Baja California, Mexico	North America
ICG/ITSU-XIV	Aug 30 - Sep 3, 1993	Tokyo, Japan	Asia
ICG/ITSU-XV	Jul 24 - 28, 1995	Papeete, Tahiti, French Polynesia	South West Pacific
ICG/ITSU-XVI	Sep 23 - 26, 1997	Lima, Peru	South America
ICG/ITSU-XVII	Oct 4 - 7, 1999	Seoul, Korean Republic	Asia
ICG/ITSU-XVIII	Oct 8 - 11, 2001	Cartagena de Indias, Colombia	South America
ICG/ITSU-XIX	Sep 29 - Oct 2, 2003	Wellington, New Zealand	South West Pacific
ICG/ITSU-XX	Oct 3 - 7, 2005	Viña del Mar, Chile	South America
ICG/PTWS-XXI	May 3 - 5, 2006	Melbourne, Australia	South West Pacific
ICG/PTWS-XXII	Sep 17 - 20, 2007	Guayaquil, Ecuador	South America
ICG/PTWS-XXIII	Feb, 2009	Apia, Samoa	South West Pacific
ICG/PTWS-XXIV	May, 2011	Beijing, China	Asia
ICG/PTWS-XXV	September, 2013	Vladivostok, Russian Federation	Asia
ICG/PTWS-XXVI	April, 2015	Honolulu, USA	North America

6.1 CONFIRMATION OF DATE AND PLACE OF ICG/PTWS XXIX

The Chair will invite interventions from Member States on the subject.

6.2 TARGET DATE FOR ICG/PTWS XXX

The Chair will invite expressions of interest to host the 30th Session of the ICG/PTWS. The ICG is invited to discuss on the date and venue of this Session.

7. ELECTIONS OF OFFICERS

The Chair will hand over the conduction of this part of the Meeting to the Chair of the Elections Committee. The Chair of the Elections Committee will ask the Technical Secretary to remind the Meeting of the Rules and Procedures for the Election of Officers. The Chair will then present the Report of the Sessional Working Group, and request from the ICG indications on how Member States wish to proceed with Elections.

The Chair of the Elections Committee Mr David Coetzee (New Zealand) will finally announce the results of the Elections, welcome the new Chair who will take office after the Closure of this Session. He will then return the conduction of the meeting to the Chair Dr Wilfried Strauch.

8. ANY OTHER BUSINESS

9. ADOPTION OF DECISIONS AND RECOMMENDATIONS

10. CLOSURE