PTWS WORKING GROUP 3:
DISASTER MANAGEMENT, PREPAREDNESS & RISK REDUCTION

Report to ICG/PTWS-XVIII
Nicaragua
April 2019
Terms of Reference

ICG/PTWS XXVII in 2017 agreed to reconstitute WG3 under the name of “Disaster Risk Management and Preparedness”, and to revise its Terms of Reference accordingly, to:

1. Facilitate in collaboration with TOWS Task Team on Disaster Management and Preparedness and organizations such as UNISDR, the exchange of experiences and information on risk reduction and preparedness actions, and matters related to disaster management;
2. Promote preparedness in coastal communities through education and awareness products and campaigns;
3. Facilitate SOP training across regions to strengthen emergency response capabilities of Member States and their Disaster Management Offices;
4. Develop and promote best practice preparedness material, programs and assessment tools;
5. Develop and promote best practice tsunami risk reduction material, programs and assessment tools;
6. Support the ITIC of the ICG.
Working Group Members

Youchang Lan  China
Hing-yim Mok  China (Hong Kong)
Charles Carlson  Cook Islands
Frederic Tournai  France
Laura Kong (Vice Chair)  ITIC
Akiko Nakamura  Japan
Teseu Ibaraki  Japan
David Coetzee (Chair)  New Zealand
Renato Solidum  Philippines
Tatania Ivelskaya  Russia
Molly Faamanatu Nielsen  Samoa
Loti Yates  Solomon Islands
Meetings

- Inter-sessional WG meeting: 4 & 5 June 2018 Honolulu

- TOWS Task Team on Disaster Management & Preparedness: February 2018, 2019
Activities

• SOP Manual:
  ✓ Finalised & published by IOC

• Evacuation Mapping:
  ✓ Through TEMPP pilot project a Quick Guide *Preparing for Community Tsunami Evacuations: From Inundation to Evacuation Maps, Response Plans, and Exercises* developed & ready for publication by IOC:
  
  • 4 modules:
    • Hazard Assessment- Inundation Modelling
    • Evacuation Mapping
    • Response Planning
    • Exercising
Activities (cont’d)

- **Tsunami Ready:**
  - Continue to learn from CARIBE-EWS
  - Question included in PacWave 18 evaluation to gauge interest:
    - 11 countries no plans to implement a recognition programme
    - 7 indicated they will pilot Tsunami Ready in 2019
  - Funding is a major impediment

- TOWS-WG in February 2019 recommended to the IOC Assembly to encourage Member States to continue to: strengthen tsunami awareness and preparedness in communities and among authorities through communication, evacuation planning, tsunami exercises, training, information, and piloting recognition programmes such as Tsunami Ready.
Activities (contn’d)

• **Marine & Ports Guidance:**
  ✓ Noted several countries have developed material
  ✓ The ITIC has established a web page for the topic where all existing and new material is centralised. Member States are requested to send materials to the ITIC for web-site sharing.

• **Structural Design and Vertical Evacuation Guidance:**
  ✓ Noted several countries have developed material
  ✓ The ITIC has established a web page for the topic where all existing and new material is centralised. Member States are requested to send materials to the ITIC for web-site sharing.
Activities (cont’d)

• **PTWS Working Groups and Task Teams Structure:**
  ✓ SC requested WG3 to review and recommend a future Working Group and Task Team structure to the 28th session of the ICG in 2019 – Discussion document developed and will be presented for discussion under Agenda Point 4.3

• **Post Event Survey:**
  ✓ SC requested WG3 to develop a standardized post-event survey for countries to complete to capture lessons identified – Draft developed and will be presented for discussion at the end of this report.
Activities (contn’d)

• WTAD 2019:
  ✓ Theme for WTAD (5 November 2019) is ‘Critical Infrastructure and Essential Services’.
  ✓ Considering the on-going need with regards to guidance for ports, the TOWS WG in February 2019 recommended to the IOC Assembly to:
    • encourage ICGs to advocate WTAD 2019 among member states and highlight target [d] of the Sendai Framework that stress protection of critical infrastructure and disruption of basic services, with an emphasis on ports, harbors and vertical evacuation.

• Planning for Ocean Decade
  ✓ Contributed from an emergency management perspective to a submission made under the TOWS-WG banner to the UN Decade of Ocean Sciences for Sustainable
Activities (contn’d)

• Planning for Ocean Decade
  ✔ Contributed from an emergency management perspective to the submission made under the TOWS-WG to the UN Decade of Ocean Sciences for Sustainable Development on minimizing uncertainty in global tsunami forecasts, warnings, and emergency response.

• Support to the ITIC of the ICG
  ✔ Continued to support the ITIC through:
    • contribution and collaboration for the development and conduct of tsunami trainings
    • development of tools for tsunami warning decision-making and tsunami hazard assessment for response planning and exercising
    • collection of tsunami event data
    • conduct of International Tsunami Survey Team (ITST) Post-Tsunamis Surveys
    • updating tsunami awareness materials.
Recommendations

ICG/PTWS Working Group 3 recommends that the ICG/PTWS XXIII:

1. **Notes** that a meeting of the Working Group was held from 4-5 June.
2. **Notes** that the SOP Guidelines were completed and published in 2017 as IOC Manuals & Guides 76 Plans and Procedures for Tsunami Warning and Emergency Management.
3. **Notes** that the Quick Guide Preparing for Community Tsunami Evacuations: From Inundation to Evacuation Maps, Response Plans, and Exercises (hard copy, English and Spanish) and Supplements (electronic) will be published as part of the IOC Manuals and Guide series by July 2019.
Recommendations (cont’d)

4. **Notes** that the ITIC has established dedicated web pages for:
   - Maritime and Ports Guidance
   - Structural design and vertical evacuation guidelines

5. **Requests** Member States to send materials to the ITIC for web-site sharing.

6. **Notes** that a discussion document with regards to the current ICG Functional Working Groups and Task Teams was presented to the ICG/PTWS Steering Committee.

7. **Encourage** Member States to observe WTAD in 2019 by putting special emphasis on ports and harbours, and on vertical evacuation.

8. **Encourage** Member States to include in their national budgets costs for training or other support services.