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# WG1 Work Plan: Discussion and Action

Chair

Harkunti P. Rahayu

Vice Chairs

Mahendra

# ICG/IOTWMS Requests Working Group 1

1. Capacity Assessment of Tsunami Preparedness Report
  - Action 1: Endorse the recommendations of the Capacity Assessment of Tsunami Preparedness [Status Report 2018 and updated 2024] related to :
    - a. risk assessment and reduction and
    - b. awareness, preparedness and response for consideration in the WG-1 work plan.
2. Updating Probabilistic Tsunami Hazard Assessment
3. Disaster Risk Reduction into Spatial Planning
  - Action 2: Working Group 1 to support the developing and harmonizing local capacities for tsunami early warning project being undertaken with ITB and University of Huddersfield with a case study taken in Indonesia funding from 2020 Newton Prize Winner (Harkunti P. Rahayu and Richard Haigh).
  - Action 3: Working Group 1 to support the integration of pandemic, tsunami and other multi-hazard preparedness into Early Warning and Urban Planning project being undertaken in 2021-2021 by ITB and University of Huddersfield, with a major survey to be undertaken in the Indian Ocean and case studies to be undertaken in Indonesia and Sri Lanka.
4. Update Annual Journal

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5. Contribute to the work of TOWS WG the needs for the discussion and prepare guideline learning from ICGIOTWMS issues of *mainstream tsunami Disaster Risk Reduction into sustainable development* to help *achieve resilient communities in the region*:
  - Critical Infrastructures
  - ISO 22328-3 (Community-based Early Warning Systems for Tsunamis)
  - UNDRR Make Cities Resilience MCR 2030.

# ICG/IOTWMS Steering Group Requests

## Working Group 1 (Hyderabad, 5-6 February 2024)

1. Review its terms-of-reference to better reflect the relationship with IOTIC and propose changes to ICG/IOTWMS-XIV.
2. Work together with IOTIC to help develop community awareness and preparedness against the risk of tsunamis generated by seismic and non-seismic sources.
3. Prioritise SIDS, LDCs and Africa in its work programme.
4. Prepare its report to ICG/IOTWMS, including update on progress and recommendations to ICG/IOTWMS-XIV, for review and consideration at the next Steering Group meeting prior to ICG/IOTWMS-XIV.

# **WG1 Issues and Challenges to respond UNODTP by 2030**

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1. The *awareness preparedness and response capabilities* of a community will depend on → through *active engagement of stakeholders at the national and local level* on the following component
  - Risk perception and awareness → The awareness of risk and self-evacuation capacities are particularly important where tsunami waves might arrive within minutes, and in SIDs and LDCs where warning capacity and infrastructure are limited
  - Community wide preparedness actions
  - Effective Response Planning and Capabilities
2. Implementation of Mitigation Measures:
  - a. by 2030 all at-risk communities have tsunami evacuation maps.
  - b. by 2030 communities have access to an inventory of best practices of plans and *structural and nature-based solutions* and that more communities have implemented plans and measures to minimize impacts to *critical infrastructure and marine assets* from tsunamis and other coastal hazards, and importantly *mainstreaming disaster risk reduction into urban planning*.
3. To ensure investment in capacity development for the different stakeholders involved in the tsunami warning and dissemination processes
4. To encourage and promote *inclusiveness and gender diversity*, and that youth and early career professionals

# WG1 Issues and Challenges to respond UNODTP by 2030

4. to ensure investment in capacity development for the different stakeholders involved in the tsunami warning and dissemination processes, through:
  - OTGA-STC
  - Others which focus on SIDs and LCDs
  - Others with new breakthrough ....
  
5. to put emphasize initiatives of awareness and preparedness on non-seismic tsunami

**Thank you ...**