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Agenda 3.4

TOWS Working Group – XVII Report (TT-TWO)

J Padmanabham

Chair, WG2, IOTWMS

**Acknowledgements: TOWS-WG Chair & Members
TT-TWO Chair & Members**

*14th Session of the Intergovernmental Coordination Group for the Indian Ocean Tsunami
Warning and Mitigation System (ICG/IOTWMS-XIV), Jakarta, 16-19 November 2024*

MEETING OF THE INTER-ICG TASK TEAM ON TSUNAMI WATCH OPERATIONS

Sendai, Japan 19 – 20 February 2024

Task Team Members- TWO

Name	Country	Organization	Region/TWMS
Yuji Nishimae, Chair	Japan	Japan Meteorological Agency	PTWS
Dakui Wang	China	National Marine Environmental Forecasting Centre (NMEFC)	PTWS
Helene Hebert	France	Centre d'alerte aux Tsunamis	NEAMTWS
Alessio Piatanesi	Italy	National Institute of Geophysics and Volcanology	NEAMTWS
Elizabeth Vanacore	USA	Puerto Rico Seismic Network	CARIBE-EWS
Charles McCreery	USA	Pacific Tsunami Warning Center	CARIBE-EWS
Noura Alkaabi	Oman	General Directorate of Meteorology	IOTWMS
Jijjavarapu Padmanabham	India	INCOIS	IOTWMS

TOWS-WG XVII Key Recommendations - (TT-TWO)



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Detection, Warning and Dissemination

TT-TWO

- TT-TWO and TT-DMP to develop KPIs for the relevant sections of the ODTP
- to review existing Tsunami SOPs and develop general guidelines on SOPs to warn for volcano generated tsunamis
- TT-TWO Ad Hoc Team on Meteotsunamis in consultation with WMO and IUGG JTC to review the term and definition of meteotsunami
- Identify key indicators for each ICG to monitor network status and data quality, aligning with tsunami warning needs in the ODTP-RDIP (IOC/2023/TS/180).
- develop a global CAP template for TSPs to facilitate exchange of bulletins
- evaluate tsunami probabilistic forecasting methods and provide advice to TSPs and NTCs in all ICGs;

ICGs(TSPs)

- TSPs to trial and operationalise dissemination of maritime bulletins to respective NAVAREA operators
- TSPs may need to provide services for TGVs that may impact several MS
- Multi-purpose sea level monitoring stations to support MHEWS
- Use Exercises and Communication tests for monitoring data availability and quality
- Sharing of info on deployment of new technologies to monitor sea level variations
- consider performing exercises outside of working hours, in particular during the night;
- TSPs monitor sea level and seismic networks at least biannually, reporting to Secretariat on the status

Secretariat

- Distribute report on Monitoring and warning for TGVs including the list of tsunamigenic volcanoes to Member States and Volcano Observatories IOC/2024/TS/183
- Initiate consideration of whether TSPs may need to provide new services for TGVs
- advise all Member States via Circular Letter (CL) that TSP fax transmissions will cease from 6 months of CL date, unless Member States advise within 3 months that fax is the only medium to receive.
- Develop reporting mechanism on Ocean Decade projects and against ODTP-RDIP KPIs aligning with Global KPI Framework

- Closer collaboration between IOC/UNESCO and WMO – MHEWS, UN EW4ALL, CIFI
- Review the roles and responsibilities for Meteo-tsunamis – JCB
- Extends the tenure of TOWS-WG and its Task Teams



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THANK YOU