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Oceanographic
Commission

WG-PICT Task Team Seismic Data Sharing in the South West Pacific

Rennie VaioMounga – Tonga Geological Service

7th ORSNET MEETING OUTCOMES

The noted the following outcome statements from the 7th ORSNET meeting on 17th -19th October, 2021.

- Develop a strategy to use common instrumentation, equipment and systems including a resourcing plan for financing, equipment standardization and maintenance, and staffing;
- Develop a capacity development programme to strengthen competency and capability of national tsunami warning centres, seismic and volcano observatories including the training and support provided by ITIC, bilateral partners and peer to peer and mentoring exchanges between members;
- Strengthen the institutional arrangements for early warning including the development of legislation and policies with clearly defined responsibilities between warning centres, observatories, and disaster management;
- Review, exercise and strengthen tsunami warning and response Standard Operating Procedures (SOP), in particular for local earthquakes and tsunamis;
- Undertake a periodic stocktake of the geohazards observatories in the Pacific re: volcano, seismic and tsunami as part of strengthening MHEWS. This should include the services that support early warning such as communication, staff competencies, arrangements;
- Encourage countries to advocate for the investment in new and emerging technologies such as the Science Monitoring and Reliable Telecommunications (SMART) subsea cable systems and GNSS, to improve early warning;
- Commit to the continued education of communities and people of local geohazard threat, preparedness and evacuation procedures;
- Learning from the Hunga Tonga Hunga Ha'apai event, develop guidelines for requesting post event technical assistance to include:
 - the assessment of tsunami warning capability;
 - harmonization with disaster management protocols for the deployment of goods, personnel and services; and
 - development of National Post-Tsunami Field Survey Guide for PICTs.

Review of TOR & Membership

TOR	Amendments
<p>1. Advocate seismic data [INCLUDE] and related tsunami monitoring] sharing in the region.</p>	<p>1. Advocate seismic [and related tsunami monitoring] data sharing in the region.</p>
<p>1. Advise South West Pacific countries on data sharing protocols, techniques and technologies.</p>	<p>2. Advise South West Pacific countries on data sharing protocols, techniques and technologies.</p>
<p>1. Work with South West Pacific Countries and [REPLACE donors] to [DELETE ensure] a common data sharing policy.</p>	<p>3. Work with South West Pacific Countries and partners to have a common data sharing policy.</p>
<p>1. Encourage South West Pacific Countries with existing or planned broadband seismograph stations to</p> <ul style="list-style-type: none"> i) join the International Federation of Digital Seismograph Networks (FDSN), ii) use the standards developed by the FDSN for data exchange and iii) take advantage of the data archiving [ADD and services] provided by FDSN. 	<p>1. Encourage South West Pacific Countries with existing or planned broadband seismograph stations to</p> <ul style="list-style-type: none"> i) join the International Federation of Digital Seismograph Networks (FDSN), ii) use the standards developed by the FDSN for data exchange and iii) take advantage of the data archiving and services provided by FDSN.

Membership

Members are representatives of South Pacific Countries and territories (Australia, Fiji, France–French Polynesia, France–New Caledonia, New Zealand, Papua New Guinea, Samoa, Solomon Islands, Tonga, Vanuatu), PTWC, NWPTAC, Japan, and United States.

Office Bearers

	2019-2022	2022-2023
Chair	Mr. Rennie VAIOPMOUNGA	Mr. Rennie VAIOPMOUNGA
Co-chair	Mr. Mathew MOIHOI	Mr. Mathew MOIHOI

RECCOMENDATIONS

- **Facilitate the open sharing of seismic data by ORSNET members to harness the benefit of seismic data centres and services like the International Federation of Digital Seismograph Networks (FDSN) and help contribute towards the achievement of the Ocean Decade Goals**
- **Encourage partners and countries to collaborate and share seismic data in order to improve tsunami early warning**
- **Endorse the 7th ORSNET Meeting Outcomes**
- **Submit the revisions to the Terms of Reference of the *ICG/PTWS Working Group 2 Task Team Seismic Data Sharing in the Southwest Pacific* to be considered at the 30th UNESCO-IOC ICG/PTWS**
- **Convene intersessional virtual meetings of the task team by the co-chair to address the challenge of data sharing**
- **Convene the 9th ICG/PTWS Working Group 2 Task Team Seismic Data Sharing in the Southwest Pacific prior to the 30th UNESCO-IOC ICG/PTWS in September 2023.**

Next Meeting

- **Convene intersessional virtual meetings of the task team by the co-chair to address the challenge of data sharing**
- **Convene the 9th ICG/PTWS Working Group 2 Task Team Seismic Data Sharing in the Southwest Pacific prior to the 30th UNESCO-IOC ICG/PTWS in September 2023**

THANK YOU & VINAKA VAKALEVU