

10th Meeting of the PTWS Regional Working Group on Tsunami
Warning and Mitigation for Pacific Island Countries and Territories
27th February , 2025



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2025 Report of Task Team Seismic Data Sharing in the Southwest Pacific

TERMS OF REFERENCE



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1. **Advocate seismic and related tsunami monitoring data sharing in the region**
2. **Advise Southwest Pacific countries on data sharing protocols, techniques, and technologies.**
3. **Work with Southwest Pacific Countries and partners to have a common data sharing policy.**
4. **Encourage Southwest Pacific Countries with existing or planned [broadband] seismograph stations to**
 - (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.**

The Task Team Members: Australia, Tonga (Co-Chair), Samoa, Vanuatu, New Zealand, Solomon Islands, Fiji, PNG, ITIC (Co-Chair), SPREP, SPC, IOC, PTWC. **Co-chairs to be elected by the ICG.**

PROGRESS REPORT - Recommendations



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- **ENCOURAGED**, ORSNET Members to seek more staff from central government and also project staff (e.g. IT Technician) from development partners.
- **Infrastructure & maintenance & Upgrade services** - ORSNET countries to collaborate with members and bilateral/multilateral partners
- **ACQUIRE**, additional SeisComP products
- **Encourage**, ORSNET Members to be join the SeisComP User Group
- **Training & capacity development** – to focus Volcano waveform analysis, SeisComP Basic and Advanced Training, Station Maintenance.

PROGRESS REPORT - Recommendations



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ENDORSED, the latest version of the Portable Station SOP until additional amendment is required

ENCOURAGED, members to expedite the signing of the ORSNET Agreement following national guidelines. Samoa, Solomon Islands, Tonga, Vanuatu-3 months deadline

AGREED, on the development of Regional Geohazards Strategy to be informed by Draft ORSNET Strategy and Concept Note.

AGREED on the submission of Concept Note for Regional Geohazards Meeting and Strategy via the Pacific Disasters Managers Meeting and Pacific Meteorological Council (PMC) - Alignment to PMC (Pacific Islands Aviation Weather Services Panel)

ENCOURAGE, IRD to fill Mr Peirre Lebellegard – Seismologist position

Recommendations to WG-PICT



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ENDORSE, another term of the Task Team Seismic Data Sharing in the Southwest Pacific With its TOR and recommendations

ENDORSE, re-election of Mr Rennie Vaiomounga- Tonga (Chair), Mathew Moihoi – PNG (Vice Chair)

Regional Geohazards Governance Structure



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