**Recommendations and Decisions from 1st ORSNET meeting, 27th May 2014, Port Vila, Vanuatu**

ORSNET Member States agreed on the following:

1. Oceania Regional Seismic Network (ORSNET) Member States presently consist of Fiji, New Caledonia, Papua New Guinea, Samoa, Solomon Islands, Tonga, Vanuatu, .
2. ORSNET to focus on the provision of real-time seismic data to ORSNET Member States and the PTWC for tsunami warning purposes.
3. The ORSNET Regional Data Centre will redistribute any ORSNET Member States’ real-time seismic data feed, if agreed by the concerned ORSNET Member State, to IRIS.
4. ORSNET Regional Data Centre to archive all seismic data received fom all the member states.
5. ORSNET Member States and the PTWC are prohibited to distribute other ORSNET Member States seismic data.
6. ORSNET member states agreed that Esline GARAEBITI from Vanuatu is the Chair and Tessa Tafua from SAMOA is the vice secretary of the ORSNET to coordinate ORSNET activities during the current intercessional Period.

**Recommendations and Decisions from 2nd ORSNET meeting, 2nd November 2015, Suva, Fiji**

1. The meeting was pleased to be informed on progress with the Oceania Regional Seismic Network (ORSNET) Project as follows:
	1. ORSNET Member States presently consist of Fiji, New Caledonia, Papua New Guinea, Samoa, Solomon Islands, Tonga and Vanuatu. Membership could be extended to other countries operating a national seismic network, such as French Polynesia, in due course.
	2. The main focus of ORSNET is the provision of real-time seismic data to ORSNET Member States and the PTWC for tsunami warning purposes.
	3. The ORSNET Data Policy is still under development. Meanwhile, the Members have agreed to the following:
		1. ORSNET Regional Data Centre to provide real-time seismic data to ORSNET Member States and the PTWC for tsunami warning purposes
		2. The ORSNET Regional Data Centre will redistribute any ORSNET Member State’s real-time seismic data feed to IRIS, only if agreed by the concerned ORSNET Member State.
		3. ORSNET Regional Data Centre to archive all seismic data received from every Member State.
		4. ORSNET Member States are prohibited to distribute seismic data of any other ORSNET Member State.
	4. The ORSNET meeting held during the week agreed for Ms Esline Garaebiti of Vanuatu to continue as Chair and appointed Mr Mathew Moihoi of Papua New Guinea as Secretary.
	5. The ORSNET project management and Regional Data Center must
		1. Ensure that gap analysis for effective seismic detection and monitoring at local level is carried out for each country.
		2. Develop a seismic inventory for all ORSNET Member Countries which should also include station meta data. It was agreed that this should be done within the next six months and kept up to date as new stations are installed.

**Recommendations and Decisions from the 3rd ORSNET meeting, 24th to 25th August 2016, Honiara, Solomon Islands**

1. The meeting noted the issue of internet bandwidth, Samoa need assistance from ORSNET to clarify the issue
2. The meeting requested the creation of a web server and ftp server for web serves to provide updated ORSNET station health status, earthquake information and other services that may require for ORSNET countries
3. The meeting requested the development of the stations inventory of all stations in the pacific, ORSNET stations
4. The meeting noted that ORSNET server becomes limited in space and recommend to purchase extra memory for back up
5. The meeting noted the damage on stations due to Winston on Tonga and Fiji network that caused the offline of few stations. Solutions can be jointly sought as a network if needed.
6. Noted the complication and high costs of communication systems and internet bandwidth in some countries
7. The meeting recommended that countries must provide their metadata to server host for data quality
8. The meeting noted the importance of establishing proper agreement of partnership. Though Tonga and Solomon Islands discuss bilateral agreements with Vanuatu, a standard agreement is required for all countries
9. The meeting noted the need to institutionalise the ORSNET for sustainability. The logo of ORSNET is designed by Fiji and is approved by the meeting.
10. The meeting recommended that a team should be established to work on the ORSNET TOR. The TOR is needed to be attached to the umbrella agreement.
11. The presentation by SPREP showed the systematic organisations of the meteorology community and highlighted importance and the need to advocate for ORSNET at the high level eg. the PMC to showcase the success of the network and to expose find the alignment with regional frameworks
12. The meeting noted the various training needs in Linux, SEISCOMP3 and METADATA:
	* Recommend countries to try the online Linux training package provided by New Caledonia.
	* Noted the need to provide advance training on seiscomp3 to countries in need.
	* Recommend that ORSNET seek support to IRIS for the METADATA training.

**Recommendations and Decisions from the 4th ORSNET meeting, 9th to 10th August 2017, Honiara, Solomon Islands**

1. The meeting was pleased to be informed on progress with the Oceania Regional Seismic Network (ORSNET) Project as follows:
	1. ORSNET Member States presently consist of Fiji, New Caledonia, Papua New Guinea, Samoa, Solomon Islands, Tonga and Vanuatu. Membership should be extended to other countries operating a national seismic network, such as French Polynesia, in due course.
	2. The main focus of ORSNET is the provision of real-time seismic data to ORSNET Member States and the PTWC for tsunami warning purposes. ORSNET data is shared with PTWC since the 3rd quarter of 2016.
	3. The ORSNET Regional Data centre developed the ORSNET products, particularly the ORSNET web services, the daily ORSNET station health report, the ORSNET ftp server with earthquake bulletins and other information resources relevant to ORSNET country’s needs. This service is available to members.
	4. The ORSNET members agreed to issue earthquake bulletins as appropriate to members and tsunami warning focal points.
	5. The ORSNET Regional Data Centre has the capacity to remotely archive seismic data from national data centre and ensure national seismic data management systems back up pending access provided.
	6. The ORSNET Regional Data Centre management team has developed the network inventory and gap analysis
	7. The ORSNET member states agree to expand their data sharing efforts for volcanic monitoring.
	8. The ORSNET member states have developed the term of reference for the ORSNET Regional Data Centre program management.
	9. The ORSNET Data agreement is still draft. Meanwhile, the Members have agreed to the following:
		1. To continue to provide data to the ORSNET Regional Data Centre
		2. ORSNET Regional Data Centre to provide real-time seismic data to ORSNET Member States and the PTWC for tsunami warning purposes
		3. ORSNET Regional Data Centre to provide bulletin containing earthquake location, magnitude and depth to ORSNET Members, as well as Pacific islands counties who request for this information.
		4. The ORSNET Regional Data Centre will redistribute any ORSNET Member State’s real-time seismic data feed to Global Seismic Networks, ONLY if agreed by the concerned ORSNET Member State.
		5. ORSNET Member States are prohibited to distribute seismic data of any other ORSNET Member State.
	10. The ORSNET member countries agreed that ORSNET should be regionally aligned for long term sustainability and made a submission to the Pacific Meteorological Council in this regard.
	11. The ORSNET meeting reviewed the ORSNET focal points for each country
	12. The ORSNET meeting elected Esline GARAEBITI from Vanuatu as the Chair, Rennie VAIOMOUNGA from Tonga as the Vice Chair and Sakaraia V. MALODALI from Fiji as the Secretary.