

www.bom.gov.au/pacificsealevel

South Pacific Sea Level *and* Climate Monitoring Project

(SPSLCMP)

Participating countries

Providing since 1991
Quality tidal and sea level information and data services to Pacific Island partners

using
Reliable and precise environmental monitoring

delivering
Essential present and long term measurement of sea levels for the Region

enabling
Sustainable partnerships and technology transfer

Australian Government
AusAID

Australian Government
Bureau of Meteorology

Australian Government
Department of Climate Change and Energy Efficiency

SOPAC

The Australian-funded **Pacific Sea Level Monitoring** (PSLM) network is the only monitoring system of its kind in the Pacific. Since its establishment in 1991, it has provided policy makers, development planners, and scientists in the Pacific Islands with important and reliable information about sea level variability in the region.

Pacific Sea Level Monitoring

Written by Administrator

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Formerly known as the South Pacific Sea Level and Climate Monitoring Project (SPSLCMP), the monitoring array was implemented in 12 member countries as a response to increasing regional concern about climate change-associated sea-level rise.

Over-water monitoring stations in Fiji, Tonga, Samoa, Vanuatu, PNG, RMI, FSM, Kiribati, Cook Islands, Palau, Tuvalu, and Nauru provide a continuous stream of high quality data on sea level, temperature (water and air), barometric pressure and wind speed and direction. In addition, land-based Global Navigation Satellite System (GNSS) stations measure land movements, providing a geodetic benchmark and accurate relative sea level change.

Processed and analysed data are available to the international community and information products and targeted training are delivered to relevant stakeholders in Pacific Island countries.

The PSLM project is housed under the [Climate and Oceans Support Program in the Pacific \(COSPPac\)](#) managed by the Australian Bureau of Meteorology.

The project aims to provide an accurate long-term record of sea levels in the South Pacific for member countries and the international scientific community, enabling them to respond to and manage related impacts.

Follow the links below to access PSLM data products:

- [Monthly data reports](#) (updated through 2013)
- [Tidal calendars](#) (updated through 2013)
- [Monthly sea level and meteorological statistics](#) (updated through 2013)
- [Hourly sea level and meteorological data](#) (updated through 2013)

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