

# PI-2 Workshop Context

24 May 2016

IRD

Noumea, New Caledonia



# Pacific Islands Meteorological Strategy

- Pacific Key Outcomes
  - PKO 2: Marine weather services in the PICTs' region are improved
  - PKO 4: Multi-Hazard Early Warning Systems (MHEWS) for tropical cyclones, storm surges, waves and tsunami in the PICTs' region are implemented and improved
  - PKO 7: Improved quality of observations and coverage of networks in the Pacific Islands region

## Cg-17

- Adopted Resolution on Competency Requirements for Marine Weather Forecasters
- JCOMM Marine Meteorology and Oceanography Programme contributions GFCS and tool development for PICTS in fisheries assessments and climate change
- MMOP – encouraged to sustain observation programmes, coordinate data interoperability\
- SIDS Program

# WMO Strategic Operating Plan 2016-2019

“... weather, marine weather, climate and hydrological events...”



# Marine Meteorology and Oceanography Program

- The MMOP coordinates, develops and recommends standards and procedures, for a fully integrated marine observing, data management and services system using state-of-the-art technologies and capabilities.
- The main long-term objectives of MMOP are:
  - To enhance the provision of marine meteorological and oceanographic services by Members in support of the safety of life and property at sea and in coastal areas;
  - To manage the evolution of an effective and efficient programme through the selective incorporation of advances in science and technology; and to work to ensure that all countries have the capacity to benefit from and contribute to these advances, and the implementation of the programme in general.

# SIDS Program

- The programme pursues more targeted actions, such as capacity building to enhance and strengthen the capacities of Small Island Developing States and Member Island Territories National Meteorological and Hydrological Services and through the development and application of science-based climate information and services in support of decision making.
- ...include natural hazards, climate change, sea-level rise, environmental degradation, agriculture, fishing and mariculture, freshwater resources, coastal zone management, transport by sea and air, energy and tourism.
- ...to develop its own early warning system, which is scientifically sound and culturally sensitive.

## PMC-3 Outcomes

- Approve the establishment of a Pacific Islands Marine and Ocean Services (PIMOS) Panel
- Request for volunteers and invite regional and international organisations to work with PMDP to develop a Terms of Reference (TOR) and a costed work plan for the new PMC's PIMOS Panel;
- Request WMO to consider supporting the PMC's PIMOS Panel through the Program for WMO SIDS and Member Island Territories, WMO Regional Program and WMO/UNESCO-IOC JCOMM;

## PMC-3 Outcomes

- Request that PMC's PIMOS Panel to include **coastal hazard forecasting** and **early warning systems** in its TOR;
- Request that PMC's PIMOS Panel to include **Tsunami Early Warning System (TEWS)** in its TOR;
- Encourage the PMC's PIMOS Panel to **collaborate with UNESCO-IOC ICG/PTWS** for further improvement of **US NOAA PTWC enhanced products and their uptake by the PICTs**;

# Second PIMOS Panel Meeting

- Key Priority Areas:
  - Coastal Inundation and Hazards
  - Maritime Safety
  - Marine Meteorology and Climatology
- These activities are supported by:
  - Observations and data management
  - Forecasting
  - Climate Services
  - Communications and Capacity Building