

Pacific Islands GOOS & Promoting Ocean Observing in SIDS

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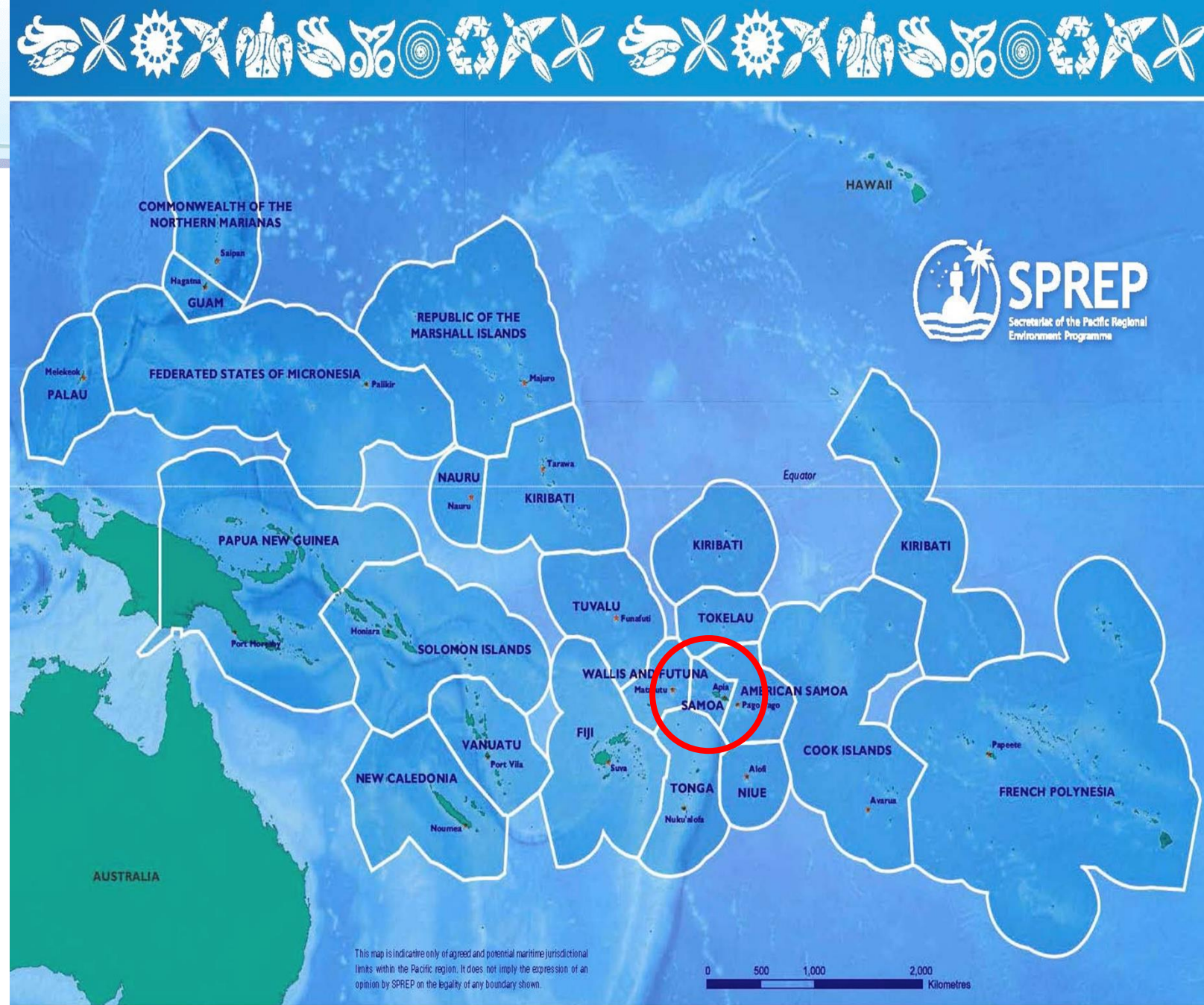
Intergovernmental org.
for protection of Pacific
islands environment

HQ: Apia, Samoa

**21 Pacific Island
Countries & Territories**

+

5 Metropolitan Members:
Aus., Fr., NZ, UK, USA



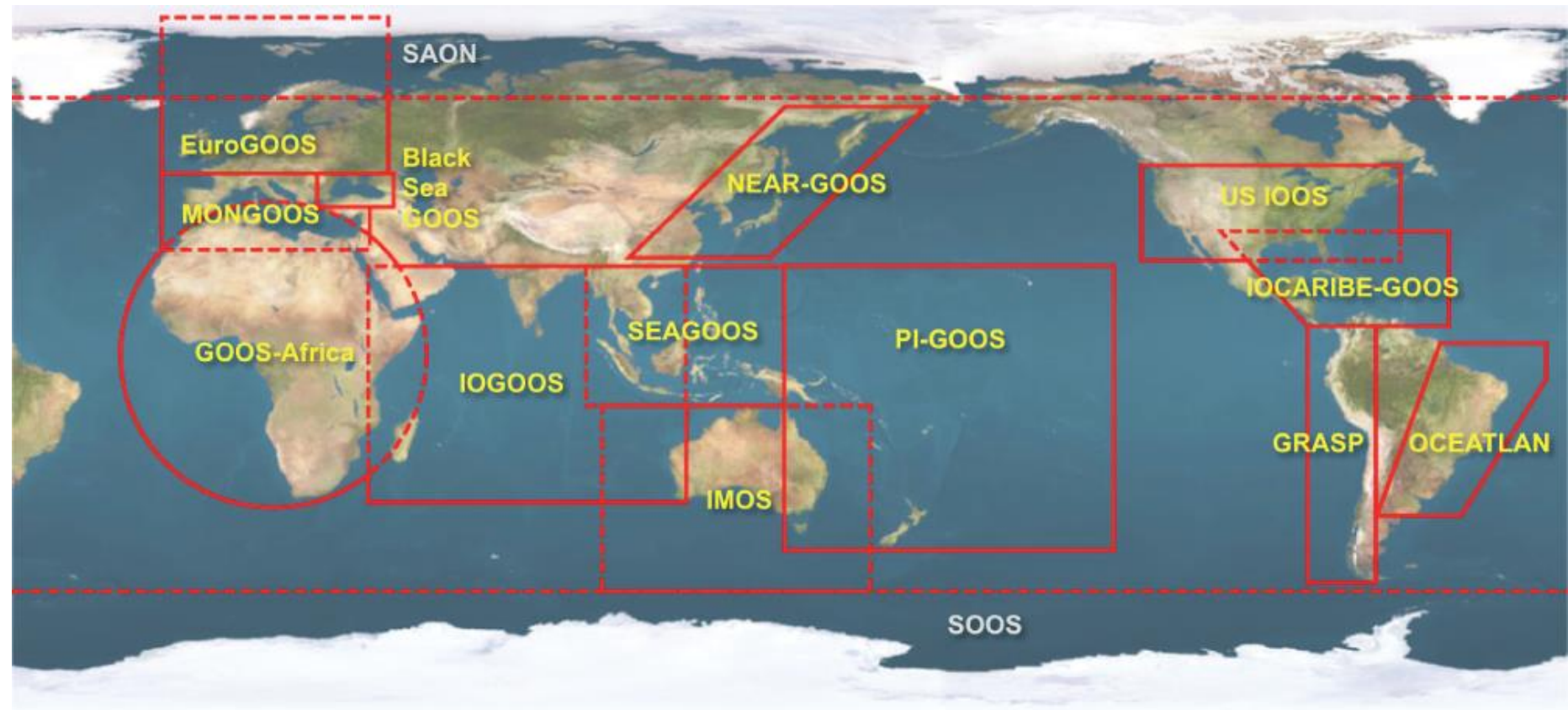
Pacific Islands-GOOS

Established as a GOOS Regional Alliance in 1998

To assist in OO
development,
uptake and use of
data

Sponsors:

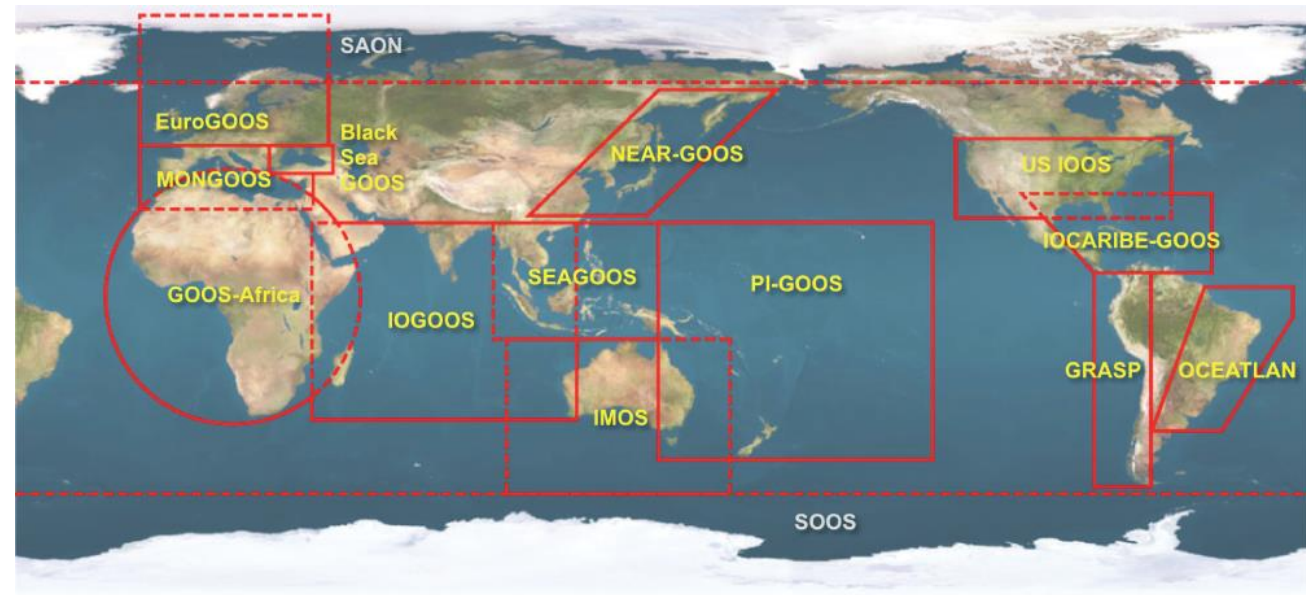
- IOC UNESCO
(Perth Pacific
Office)
- US NOAA Argo
Program



Pacific Islands-GOOS

Key Activity Areas:

- Coordinating OO in PICTs
- Supporting Development of Marine Weather Programmes
- Marine Data Access and Management
- Education & Training
- Work closely with Pacific Meteorological Council



PMC-4: 4th Meeting of the PMC, Solomon Islands 2017

- Est. 2011, to coordinate sci & tech activities of NMHS
- Directors of Met Services
- Advises SPREP on needs and priorities of NMHS
- Biennial meetings:
 - Next meeting: PMC-5
 - Aug 2019, Samoa



Pacific Met Desk Partnership

Supports PMC through:

- Coordination & Joint planning/design of tech projects & programs
- Mobilizing resources to support PMC & NMHS
- Managed by SPREP & WMO
- Guided by PI Met Strategy



SPC
Secretariat of the Pacific
Community



Australian Government
Bureau of Meteorology



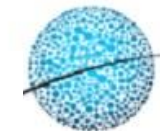
International Federation
of Red Cross and Red Crescent Societies



FINNISH METEOROLOGICAL
INSTITUTE



EUMETSAT



APCC
APEC CLIMATE CENTER



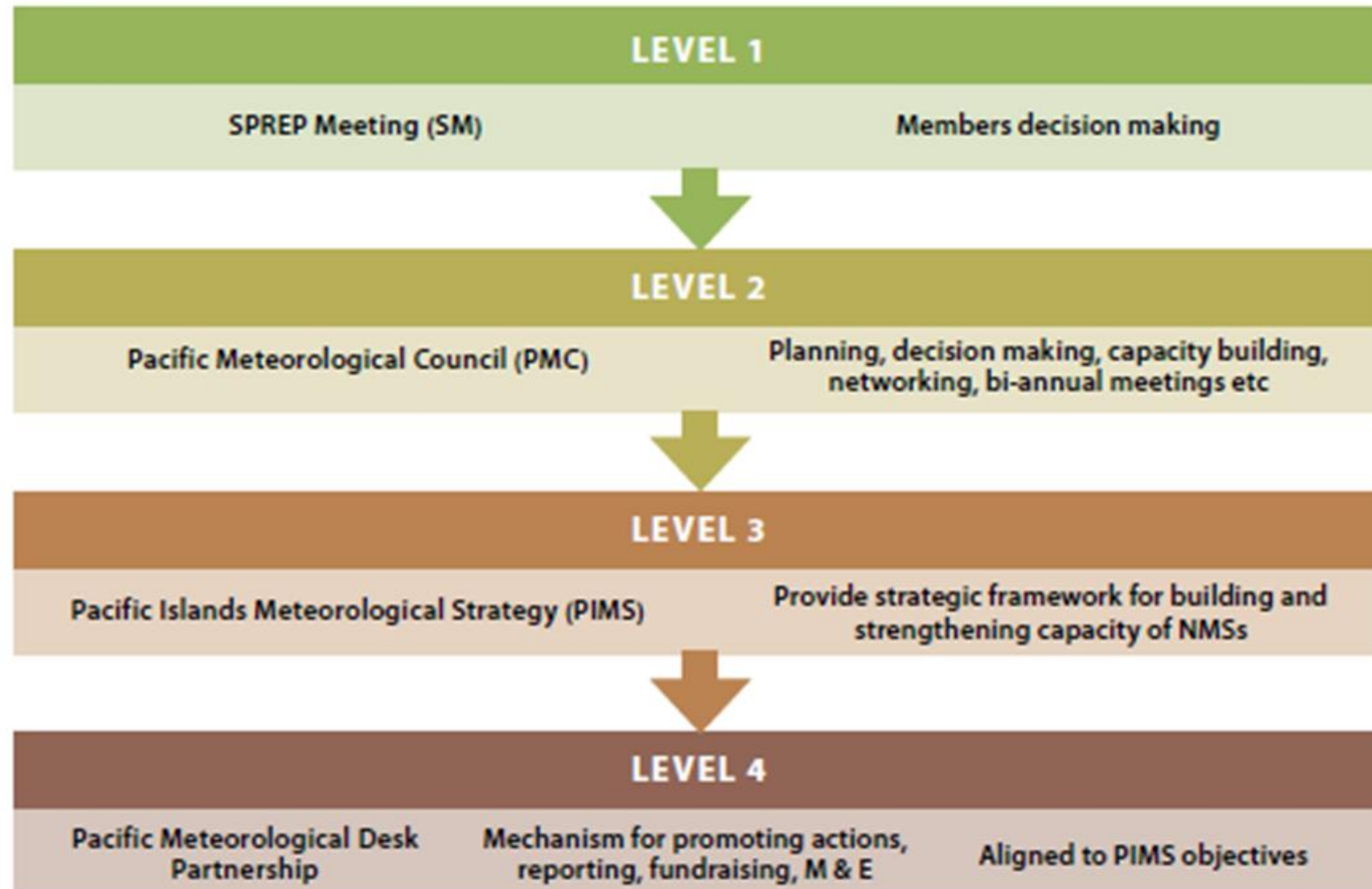
Environment and
Climate Change Canada

Pacific Met Desk Partnership

4 Priority Areas:

- Improved weather services
- Improved end-to-end Multi-Hazard Early Warning Systems (MHEWS)
- Enhanced infrastructure for weather, climate and water
- Improved climate services

Pacific Islands Meteorological Strategy



Pacific Met Desk Partnership

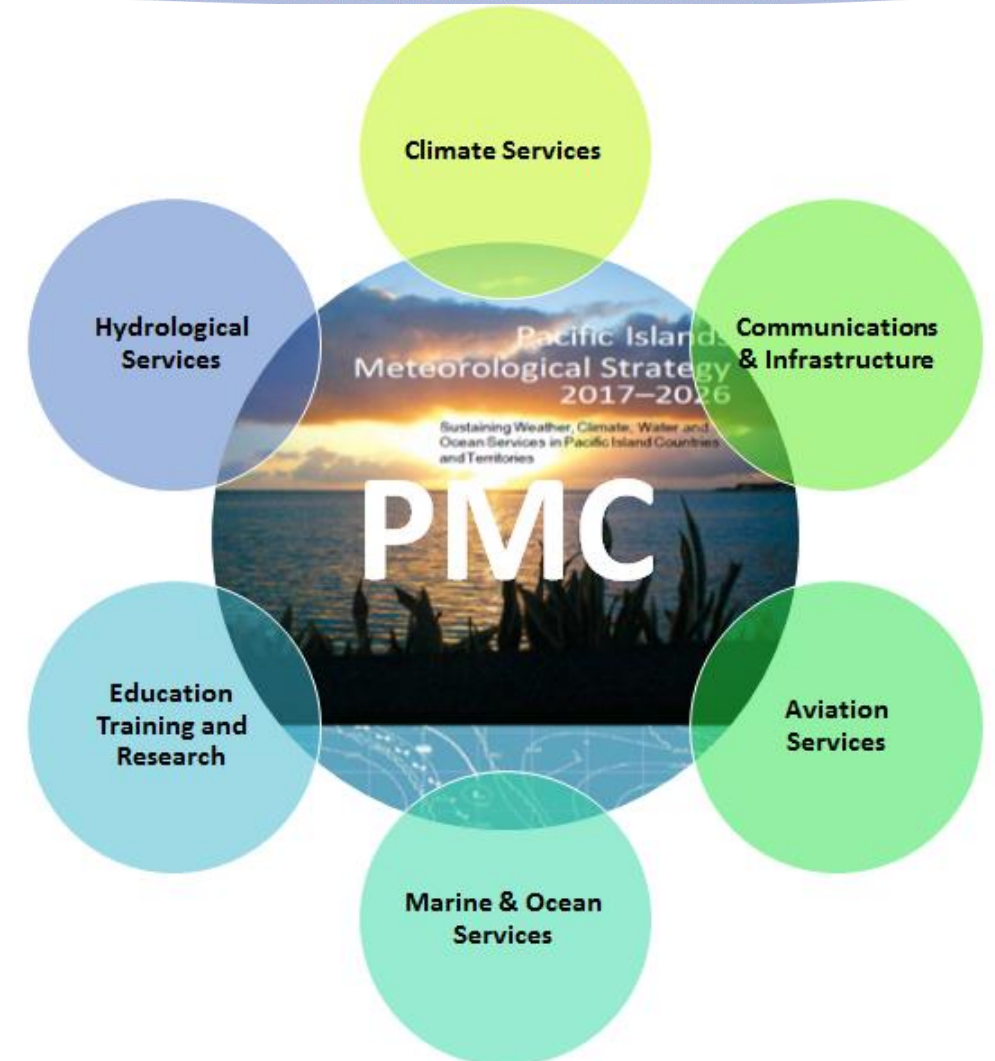
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Pacific Islands Meteorological Strategy

- Pacific Key Outcome (PKO) 2: *Marine weather services in the PICTs' region are improved*
 - *11 National Priority Actions and 8 Regional Priority Actions*
- Pacific Key Outcome (PKO) 4: *Multi-Hazard Early Warning Systems (MHEWS) for tropical cyclones, storm surges, waves and tsunami in the PICTs' region are implemented and improved*
- Pacific Key Outcome (PKO) 7: *Improved quality of observations and coverage of networks in the Pacific Islands region*

- Advise PMC on 6 thematic area of the Pacific Islands Met Strategy 2017-2026:
- Pacific Island Climate Services (PICS)
- **Pacific Island Marine and Oceans Services (PIMOS)**
- Pacific Island Aviation Weather Services (PIAWS)
- Pacific Island Communications and Infrastructure (PICI)
- Pacific Island Education, Training and Research (PIETR)
- Pacific Hydrological Services (PHS)

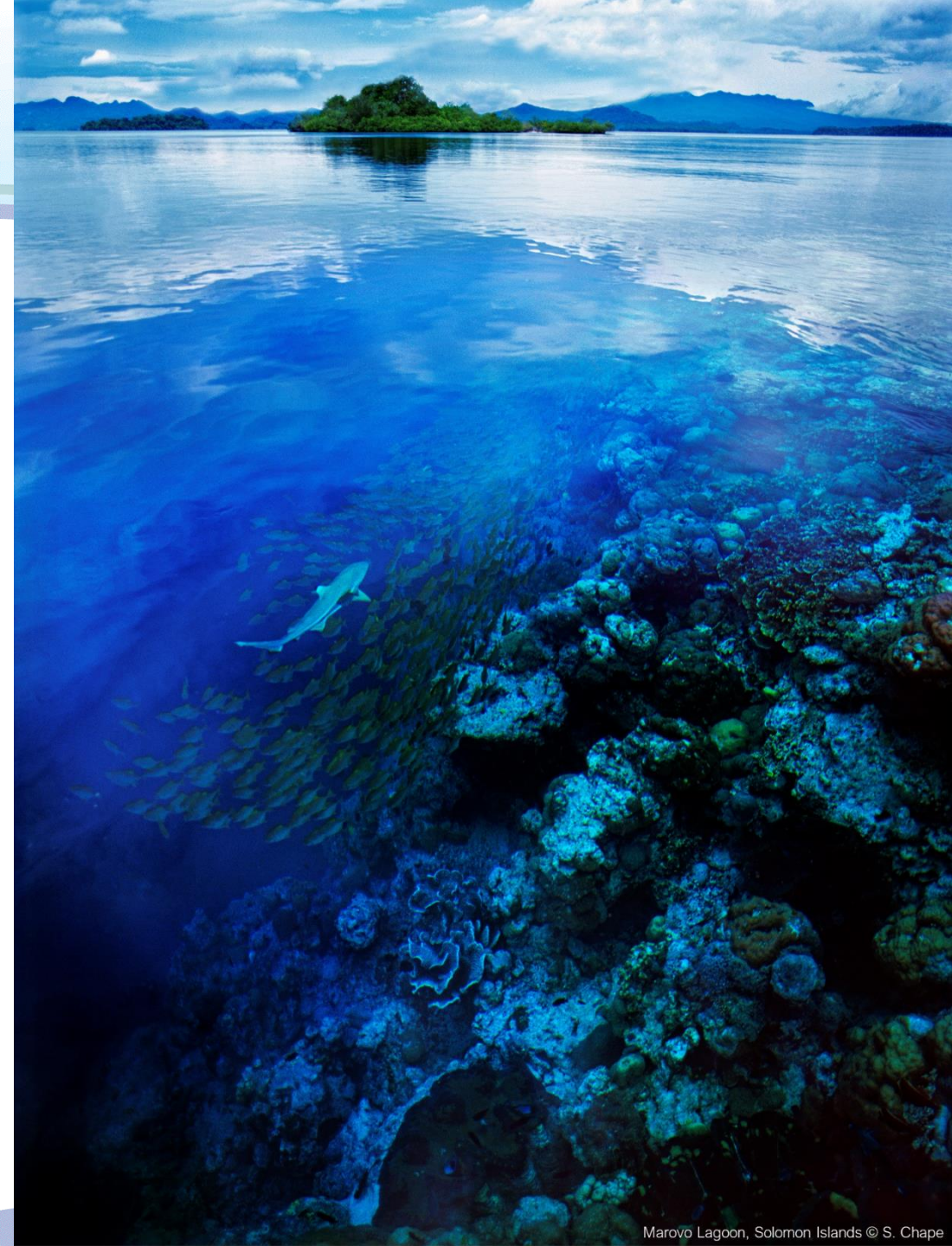


- PMC-4 Meeting of PIMOS Panel:
 - Key Priority Areas:
 - Coastal Inundation and Hazards
 - Marine Weather → Maritime Safety (SOLAS)
 - Marine Meteorology and Climatology
 - Ocean Acidification
 - These are supported by:
 - **Observations** and data management
 - Forecasting
 - Climate, Marine & Ocean Services
 - Comms and Capacity Building



Challenges

- Maintaining financial support for PI-GOOS
- Low levels of oceanographic literacy and capacity
 - NMHS need oceanographers
- Low awareness of the importance of OO
- Data sharing in the region is poor



Opportunities

- UN Decade of Ocean Science → raise profile of OO for SIDS
- Increasing awareness of climate change impacts on oceans and importance of Blue Economy
- GCF interested in marine climate adaptation → need to demonstrate importance of OO and how baseline data is key part of adaptation work



Fa'afetai Lava

Thank You

For more information, contact:

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