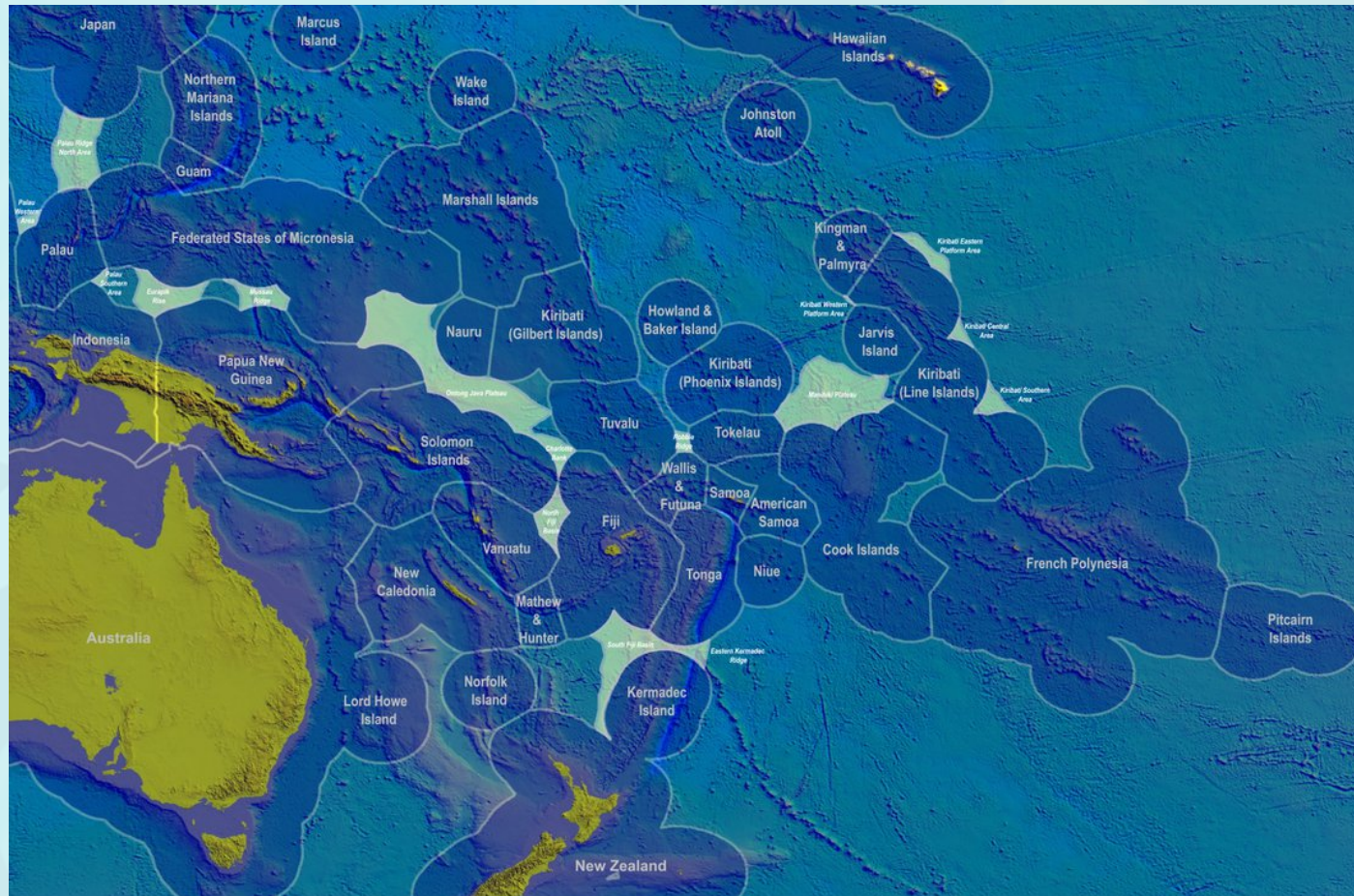


SPC and PCCOS

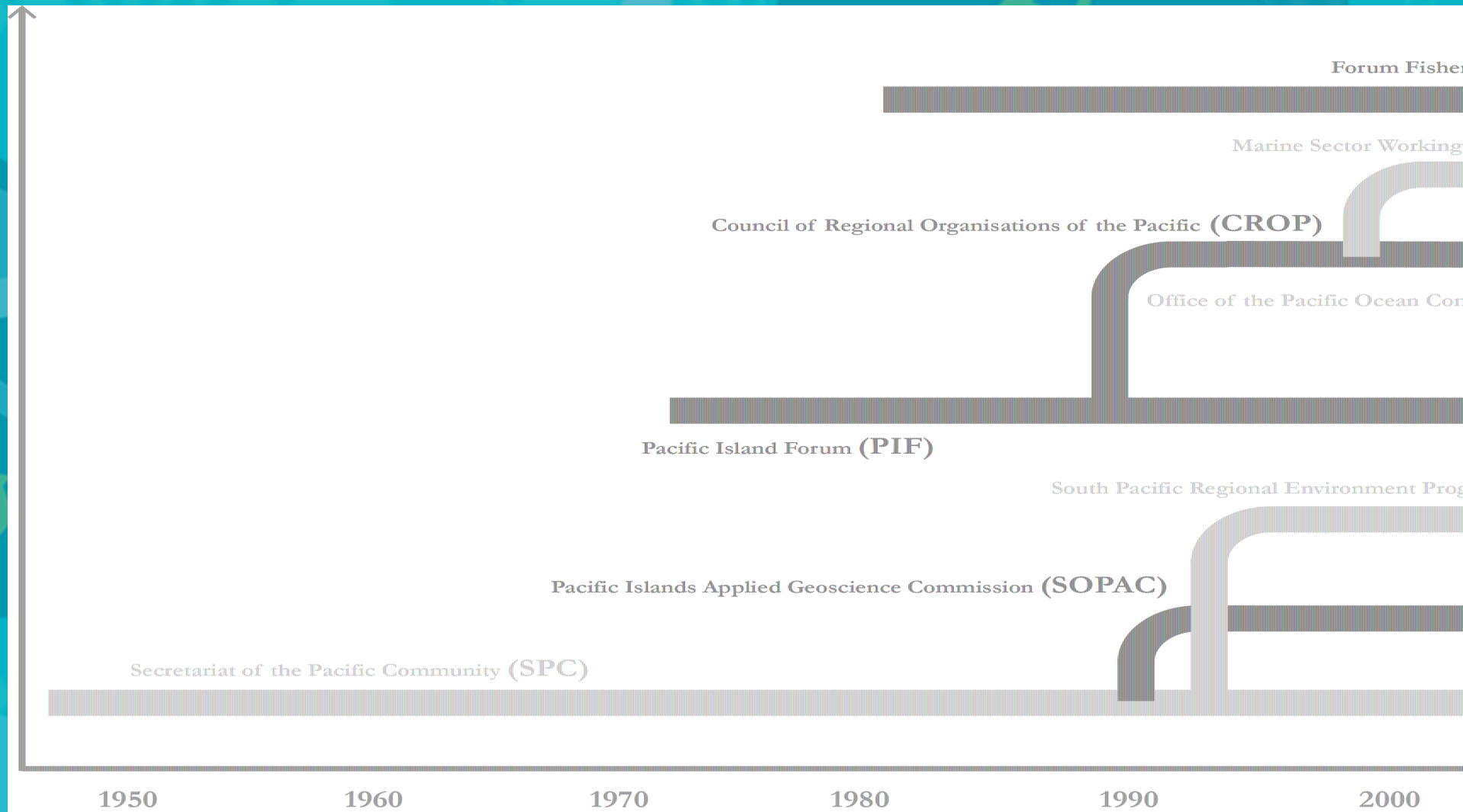
ATELIER ILICO OUTRE-MER PACIFIQUE



Pacific Islands Countries and Territories



Evolution of regional institutions

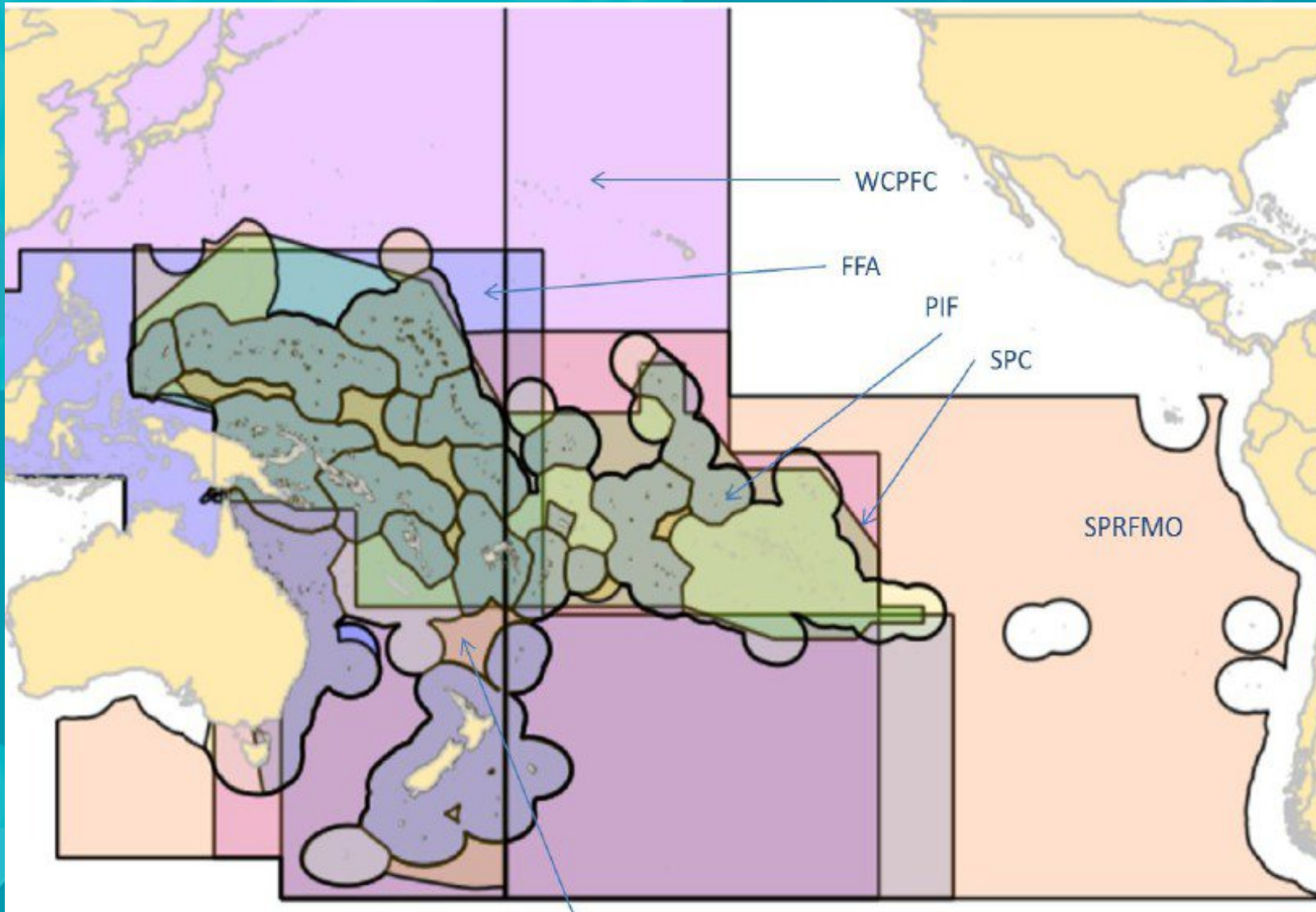


From Genevieve Quirk, 2018

The Pacific Community Centre for Ocean Science

Pacific
Community
Communauté
du Pacifique

Spatial dimension



Source: Baldwin and Mahon
2014

Global

United Nations Law of the Sea Convention

Other international:
Paris Agreement,
CBD, future BBNJ

United Nations

UN Decade for Ocean Science

Implementing Agreement Part XI

United Nations Fish Stocks Agreement

Agenda 2030: SDG 14

Regional

PIFS
FFA
SPC
SPREP
USP
PCCOS
OPOC

Framework for Pacific Regionalism

Pacific Island Regional Oceans Policy

Western Central Pacific Fisheries Convention

Pacific Roadmap for Sustainable Development

CROP
Marine Sector Working Group

Pacific Leaders Communiqué

Framework for Pacific Oceanscape

Parties to the Nauru Agreement

National

Member States

National Ocean Policies

Fisheries Laws and Policies

National SDG Targets

Several Pacific Island countries are atoll nations :

-Very low elevation.

-High exposure to extreme SL events



3 Atoll nations have their entire population within 1km of the coast

- “High” Islands are also vulnerable
- A large proportion of infrastructure and housing is on the coastal flood plain



- 8 countries have their entire population within 5km of the coast.
- 97% of the entire population is within 10km of the coast.

Boe Declaration on Regional security (Nauru, 2018), adopted by the Pacific Islands Forum

« We reaffirm that climate change remains the single greatest threat to the livelihoods, security and wellbeing of the peoples of the Pacific and our commitment to progress the implementation of the Paris Agreement; »

PCCOS : The Pacific Community Center for Ocean Science

3 broad goals :

- 1. PCCOS aims at facilitating and promoting cross-divisional engagement and cooperation internally at SPC for a better-integrated service to its members and continued building of ocean science excellence at SPC.**
- 2. PCCOS will actively contribute to strategic partnerships in ocean science with a large number of institutions and initiatives at the national level, regionally (particularly with other CROP agencies) and internationally.**
- 3. PCCOS will coordinate the approach with government agencies responsible for implementing ocean policies and tracking progress against SDG 14.**

PCCOS

- 2017 : The 10th pacific community conference agreed to establish the pacific community centre for ocean science (PCCOS) to be hosted at SPC and become a true flagship for scientific excellence and a dedicated regional science information and knowledge hub.
- 2019 : Inception of PCCOS with MFAT funding. Laying the foundation at GEM,
- Early 2021 : Implementation of PCCOS : hiring of PCCOS head (Jerome Aucan) and coordinator (Katy Soapi)
- Mid 2021-early 2022 : Hiring of PCCOS project officer (Pierre-Yves Charpentier), and Science officer (Francois Dufois)
- 2022 : PCCOS is fully operationnal, and adds 3 main projets (PIOAC, IOM and MSP)
- 2024 : Phase II

Examples of PCCOS actions internal to SPC

- **FAD/Wave buoys** : PCCOS will coordinate the collaboration between GEM and FAME division to implement the installation of wave buoys on select FADs. These wave buoys will provide sea state information to fisherman and serve as a locating beacon for FADs managers.
- **Coordination between FAME and GEM** for the implementation of a circulation model for coastal fisheries management around Kiritimati.
- **Improving distribution of ocean models and data** via the Pacific Data Hub.
- **Building the scientific rationale behind the SPC Fisheries Research Vessel project.**

Examples of PCCOS actions with partners

- **Opportunistic Scientific Research Cruises for Oceanic Fisheries Program ecosystem studies, aboard the RV Tangaroa, in collaboration with NIWA and IMOS.**
- **Implementation of a Regional training centre for Ocean Acidification monitoring in collaboration with USP.**
- **PCCOS acts as the SPC focal point for the UN Decade of Ocean Science :**
 - **PCCOS is envisioned as the Regional Collaborative Center for the UN decade.**
 - **The Integrated Ocean Management (Legal-Science-Culture) led by PCCOS will possibly be an endorsed programme by the UN Decade.**
 - **PCCOS is organizing the Pacific network of ECOP (Early Career Ocean Professional)**