



Pacific  
Community  
Communauté  
du Pacifique

# 18<sup>th</sup> South West Pacific Hydrographic Commission Meeting

VTC, 17 -19 February 2021



## Geoscience, Energy and Maritime Division (GEM) Pacific Community(SPC)

Hydrographic related activities in 2020  
Oceans and Maritime

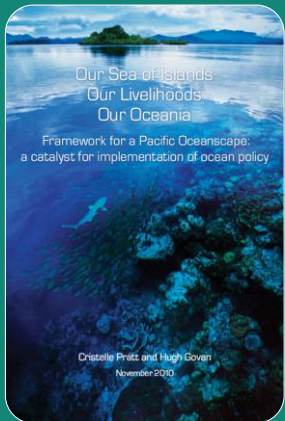
Salesh Kumar, Hydrographic and Aids to Navigation Officer  
[saleshk@spc.int](mailto:saleshk@spc.int)



**Resilient  
Boundaries for  
the Blue Pacific**

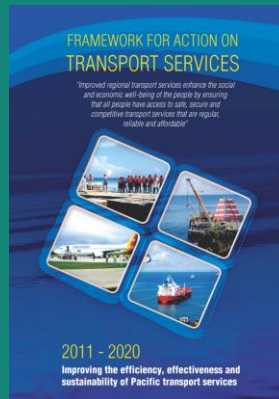
# What drives (most) of our work?

## Framework for a Pacific Oceanscape



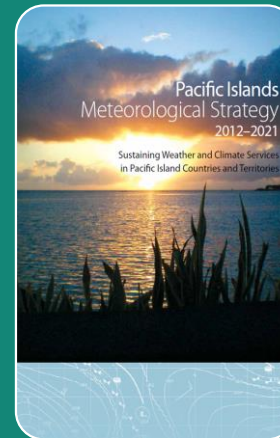
Integrated ocean management

## Framework for Action on Transport Services



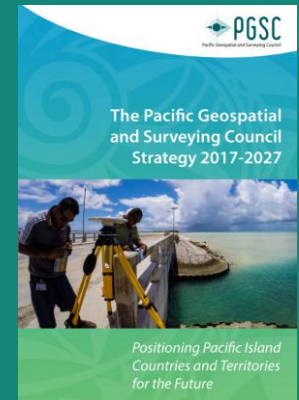
Improving the efficiency, effectiveness and sustainability of transport services

## Pacific Islands Meteorological Strategy



Improved marine weather and ocean services

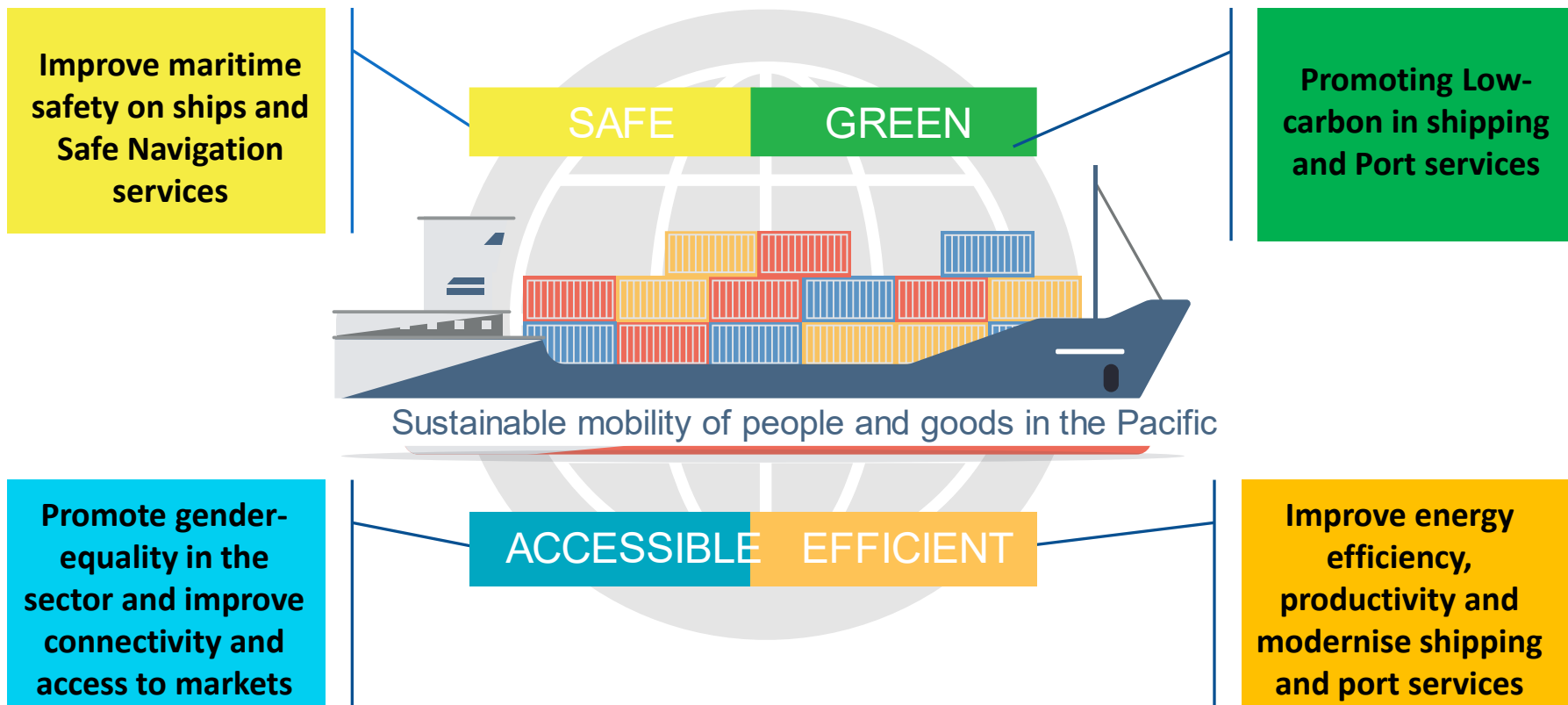
## Pacific Geospatial and Surveying Council Strategy



World-class geospatial information and surveying services

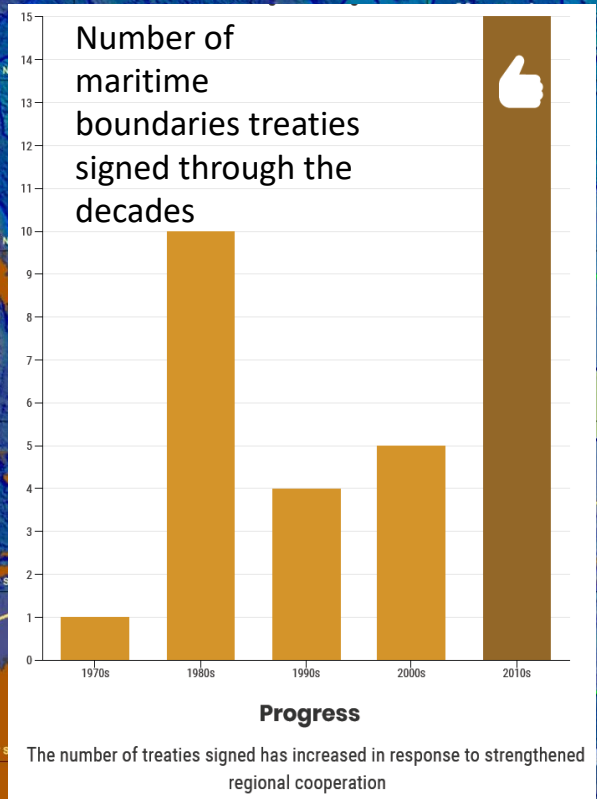
# SPC Maritime Integrated Programme

*Community-centred approach to safety-for-all at sea*

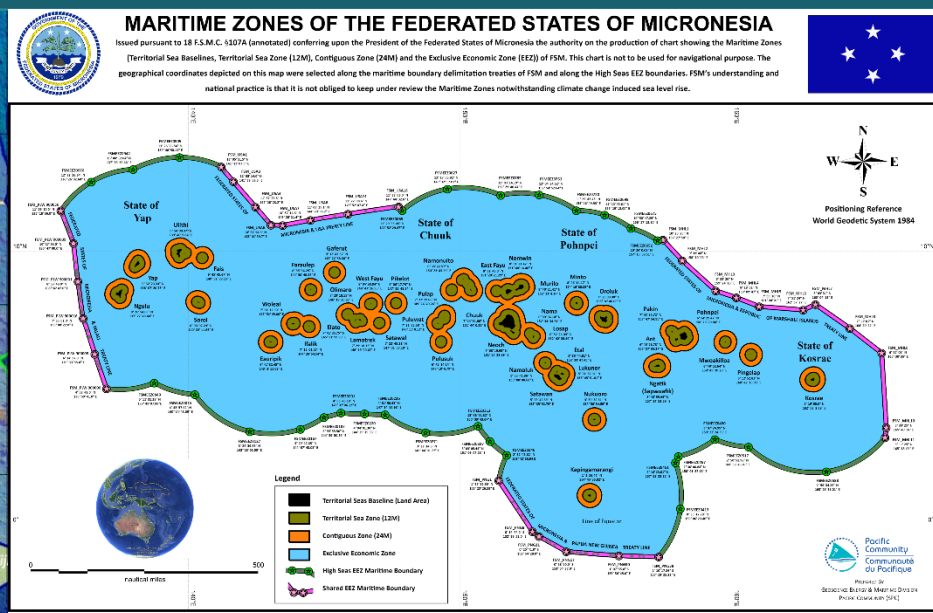




# Good ocean and maritime governance



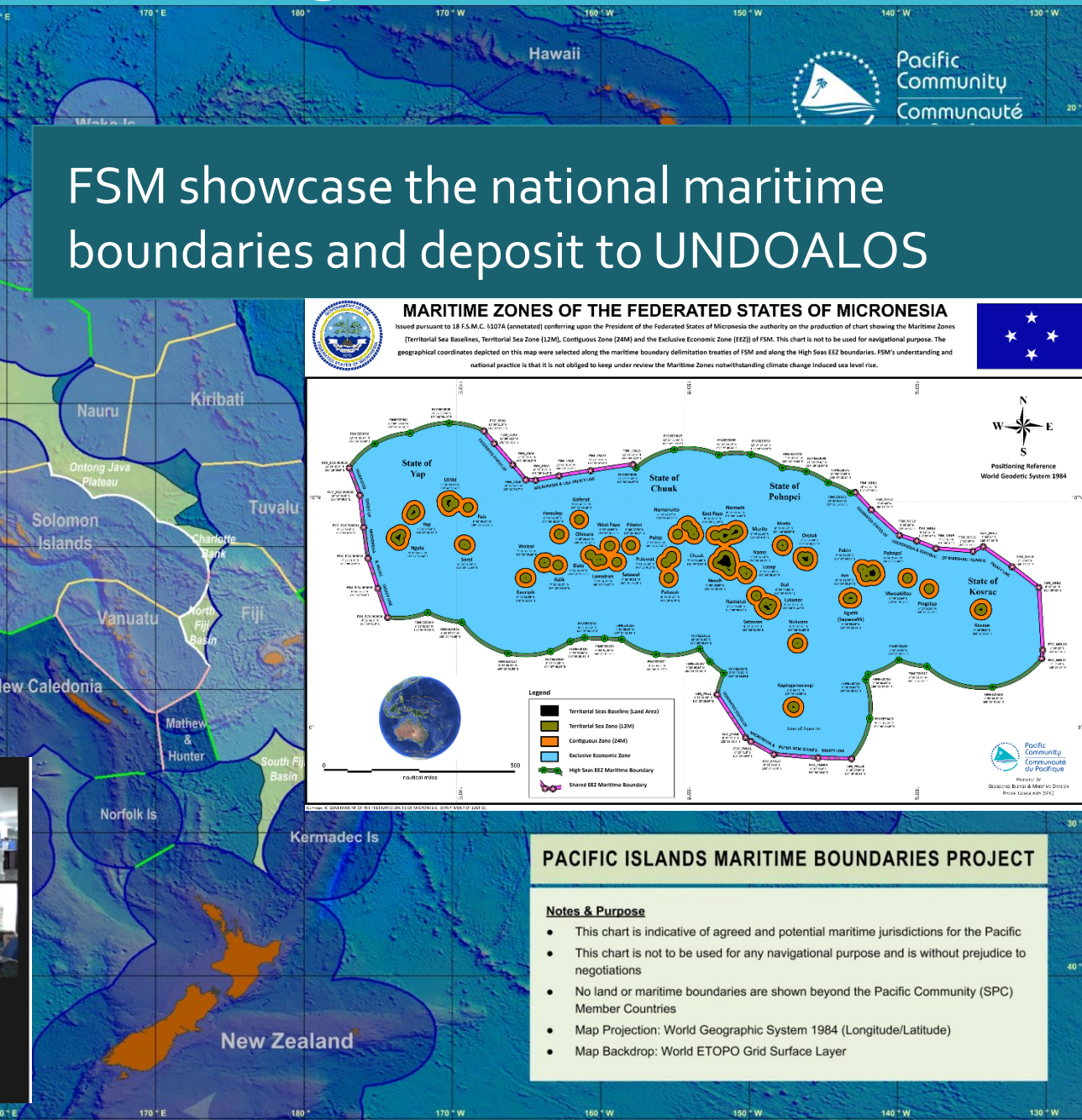
## FSM showcase the national maritime boundaries and deposit to UNDOALOS



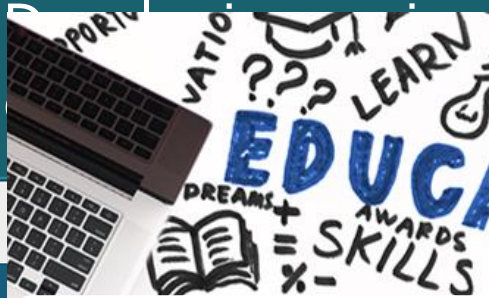
### PACIFIC ISLANDS MARITIME BOUNDARIES PROJECT

**Notes & Purpose**

- This chart is indicative of agreed and potential maritime jurisdictions for the Pacific
- This chart is not to be used for any navigational purpose and is without prejudice to negotiations
- No land or maritime boundaries are shown beyond the Pacific Community (SPC) Member Countries
- Map Projection: World Geographic System 1984 (Longitude/Latitude)
- Map Backdrop: World ETOPO Grid Surface Layer



# Improved Ocean Literacy and Capacity



Remote Learning & Online Learning Materials



National Workshops



Regional Workshops



On-the-job Learning



Attachments



Mentoring

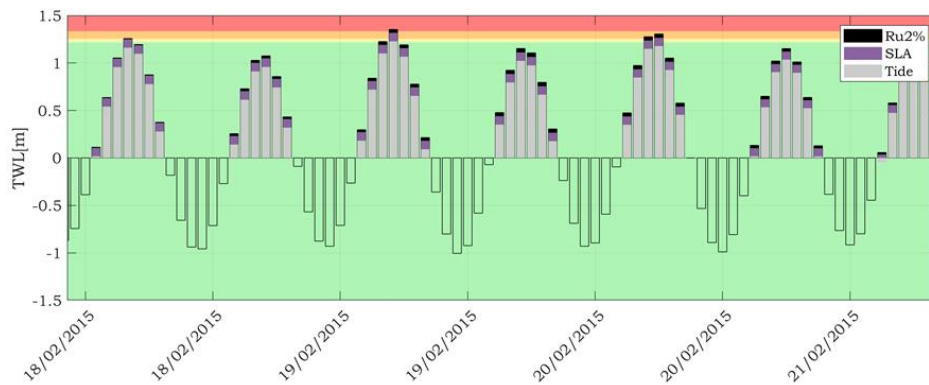
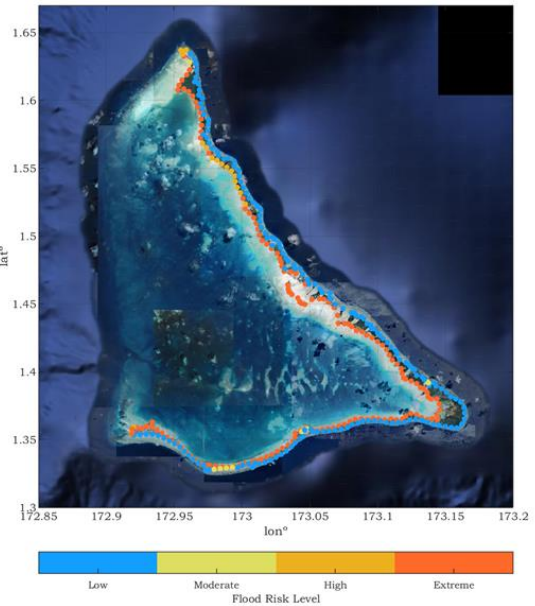
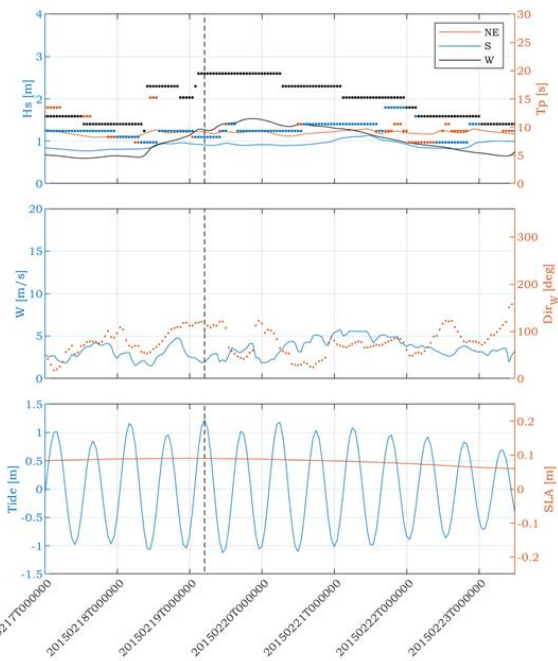
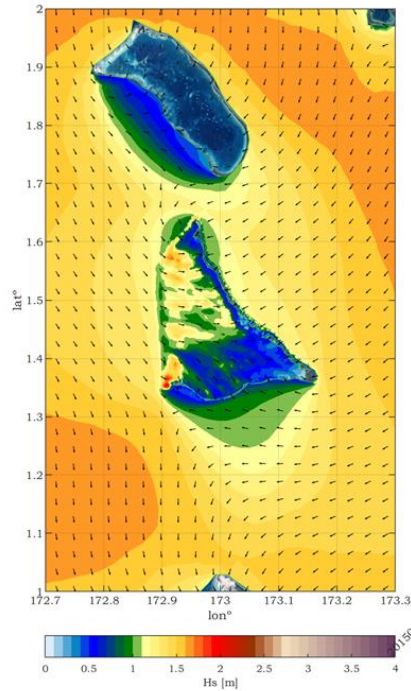
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Under the Australia Pacific Climate Change Action Programme (APCCAP):  
Climate and Oceans Support Program in the Pacific (COSPPac) (2012-2022 )  
Pacific Sea Level Monitoring Project (PSLM) (1991-present)



# Strengthened Ocean and Coastal Monitoring and Prediction Services

19-Feb-2015 05:00:00



Pacific Community  
Communauté  
du Pacifique





**Establishment of Survey Benchmarks**



**Suva Tide Gauge Station Connection to GNSS CORS**



**Geodetic Control Survey Static GNSS for Suva Network**



**Capacity on Network RTK GNSS – Housing Authority**



# Opportunities ahead ...



**The Science We  
Need  
For The Ocean We  
Want**

**2021  
2030** United Nations Decade  
of Ocean Science  
for Sustainable Development

A global framework to support efforts to reverse the cycle of decline in Ocean health & create improved conditions for sustainable development



The Pacific Community Centre for Ocean Science



PCCOS provides a platform for coordination and integration of ocean science, knowledge and information in the Pacific and for partnerships with international and regional stakeholders

PCCOS aims to help Pacific Island governments and communities **easily access the ocean science and expertise they need** to make informed decisions and to protect and sustainably manage ocean resources.

# Opportunities ahead ...



Fisheries, Aquaculture &  
Marine Ecosystems  
(FAME) Division



The Pacific Community Centre for Ocean Science

The Fisheries, Aquaculture and Marine Ecosystems (FAME) Division of SPC are investigating the potential to design and construct a specific research platform for the Pacific region to support:

## SPC/PCCOS Research Vessel Project



- The development of regional scientific advice
- To reinforce the region's capabilities to manage its natural resources
- Potential for vessel usage sharing by regional scientific organisations



SPC members expressed their commitment to the 2050 Strategy – a shared vision of the region’s future that helps CROP partners, governments, regional and international stakeholders, private sector players, and civil society groups to coordinate and complement each other’s work towards a common vision for the ‘Blue Pacific Continent’.

## **A consistent approach to safety of navigation in the Pacific:**

- Ensure Safety of Navigation is integrated to the 2050 Strategy for the Blue Pacific Continent
- Approach IMO with a consistent Pacific initiative related to Safety of Navigation under SOLAS Chapter V – submission to TCC (SPC, IALA, IHO? Countries?)
- Establish a consortium of partners to support Safety of Navigation initiatives in the Pacific (similar to the consortium of partner on maritime boundaries)

# Recommendations to the 18<sup>th</sup> SWPHC

**Note** SPC activities under the Oceans and Maritime Programme and its role and continued involvement in the Maritime Sector

**Acknowledge** the importance of a safe, green, accessible, and efficient maritime sector under the 2050 Strategy for the Blue Pacific Continent

**Agree** for a consistent and coordinated approach of safety of navigation in the Pacific between countries and interested partners and to engage with IMO through Pacific position papers and formal requests for support



A photograph of a buoy with a green light on the ocean at sunset. The sky is dark with some clouds, and the water is dark blue. The buoy is in the center of the frame, and the text is overlaid on the bottom half.

***Thanks for watching  
and  
stay safe***