

'Identifying Problems, Finding Solutions'

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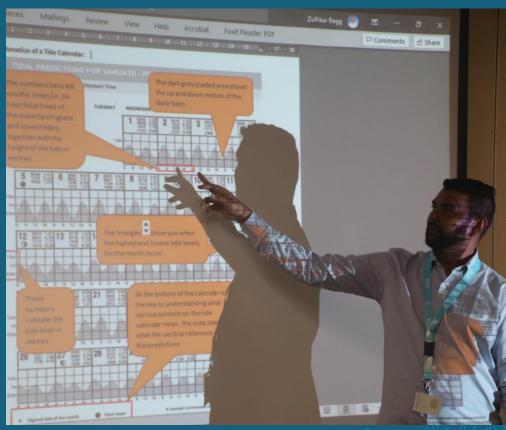






Supporting Pacific Island stakeholders to use climate, ocean, and sea level information to strengthen climate and disaster resilience





Background

- Climate and Ocean Support Program in the Pacific (COSPPac) seeks to sustain the partnership between the Pacific, Australia and New Zealand <u>supporting core</u> <u>climate and ocean services</u> for the Pacific.
- Phase 2: 2018-2023, \$28.6 million (DFAT funded includes investment from New Zealand Aid (MFAT) \$5M)
- Phase 3: 2023-2027, \$45 million primarily DFAT funded (budgeting on additional investment from New Zealand Aid (MFAT))
- COSPPac has been <u>extended for a third phase of four years</u>, ensuring the continued development of valued products and services for optimum impact for Pacific Island governments and communities.

COSPPac Donors, Delivery Partners, and Key Stakeholders



Australian Government

Department of Foreign Affairs and Trade



















Bureau of Meteorology

























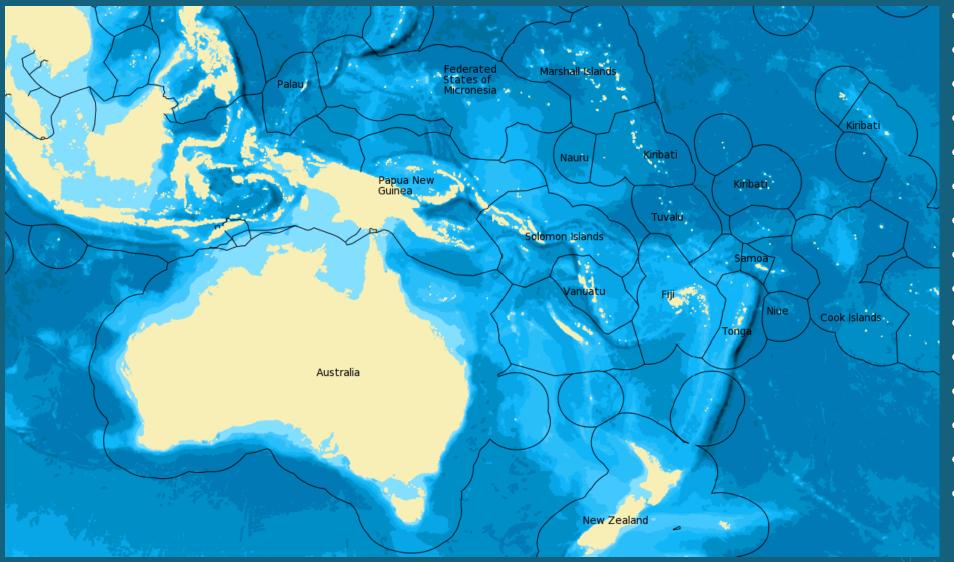








15 Partner Pacific Island Countries & Territories



- Cook Islands
- FSM
- Fiji
- Kiribati
- Marshall Islands
- Niue
- Nauru
- PNG
- Palau
- Samoa
- Solomon Islands
- Tokelau
- Tonga
- Tuvalu
- Vanuatu

COSPPac3 Strategic Deliverables

All five deliverables will have a strong 'Traditional Knowledge' (TK) and 'Gender Equity and Disability Inclusion' (GEDSI) focuses



INFRASTRUCTURE

Strategic Deliverable 1:

NMHSs are operating and maintaining an enhanced set of observation infrastructure in line with global regulated standards; and are sharing related data across the region.

2

PRODUCTS & SERVICES

Strategic Deliverable 2:

Data management/data portals, models and tools [including TK] are revamped, and support provided to operate and maintain as well as utilise for product/service generation.

3



COMMUNICATIONS

Strategic Deliverable 3:

NMHSs are coordinating
two-way communication
of COSPPac
products/services with
their priority stakeholders
utilising inclusive
processes; and are
evaluating these
products/services.



CAPACITY DEVELOPMENT

Strategic Deliverable 4:

Enhance the capacity of
COSPPac program
partners, including NMHSs
and LSDs, to effectively
generate, tailor,
communicate, and
knowledge broker
geodetic, climate, and
ocean information.

5



GOVERNANCE

Strategic Deliverable 5:

Support the sustainable transition of infrastructure operation and maintenance; data & product/service generation; and communication support to regional agencies and NMHSs to the extent practicable...



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Pacific Meteorological Council (PMC) Pacific Geospatial and Surveying Council (PGSC)

Pacific Met Desk PGSC partnership Desk

> PMC Expert Panels

Pacific Regional Climate Centre Steering Committee (SC)

High level strategic decision making and guidance for program

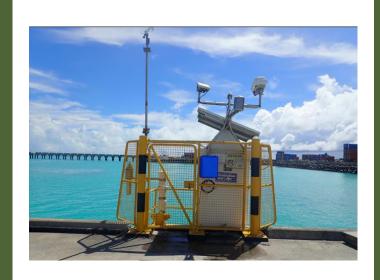


Implementing Partners Management Group

Prepares reports for and progresses decisions from Steering Committee Operational level coordination Technical Coordination Committees (TCCs)

Advisory body: technical/operational oversight and advice including collaboration

COSPPac3 Governance and advisory committees









INFRASTRUCTURE

Strategic Deliverable 1:

NMHSs are operating and maintaining an enhanced set of observation infrastructure in line with global regulated standards; and are sharing related data across the region.

Observations infrastructure maintenance

Australian PSLGM 6-Monthly Routine Infrastructure Maintenance Check Sheet Sea Level Monitoring and Geodetic Stations Sea Level Monitoring and Geodetic Stations															
Part 1 : Sea Level Site Inspection Part 2 : Sea Level Equipment Inspection DETAILS															
-	_, <u> </u>						Required Maintenance with Lubricate Spray								
1.A		YES		NO		١,,	Spray all door hinges - hut, gates	YES	ricate	Spray NO	X	DATE: 10th Ja	an 2024	SITE: BETIO	
\vdash	Condition of Security fence					1	Spray all padlocks - hut, gates, mast	YES		NO	X				
	Lubricate the security padlock fitted to gate?	YES	<u> </u>	NO	X	2.B	Condition of the w		ast	110		NAME:	Roonga labeti		
1.B	Is the security fence wire secured?	YES	X	NO			Lubricate padlock fitted to mast?	YES		NO	Χ		@met.gov.ki		
	Does the fence require painting?	YES		NO	X		Condition of the wind mast at the base.	Good	X	Poor			36 73095100		
	Do the bollards require painting?	YES		NO	X	Т	Condition of the wi	nd sei	nsor			PLEASE TAK	PLEASE TAKE PICTURES OF EACH FAULTY ELEMEN		
	Conditions of signs on hut and fence.	Good	X	Poor		2.c	Is the tail and propeller moving freely?	YES	X	NO		photos of	the ov	erall station as per examples in the	
	Remove rubbish near equipment and hut.	YES	X	N/A		┨	Propeller missing	YES		NO	X	refer		ence manual Appendix 3	
	Condition of hut-outside					Г	Condition of equipment and in	ondition of equipment and infrastructure on top of						COMMENTS	
	Lubricate padlock fitted to the hut?	YES	Π	NO	X	1	the hut					Please refer to the concerned chapter for any comments (such as 1.A, etc.)			
1.0	Lubricate door hinges	YES		NO	X	1	BGAN satellite terminal	Good	X	Poor		1			
	Are there any cracks on the fibreglass hut	YES		NO	Х	2.D	mini-THISS satellite terminal	Good	Х	Poor				pection of the staton is	
	Condition of vents at the bottom of the hut	Good	Х	Poor			Bee-hive air-temp screen	Good	X	Poor				uding door hinges and	
	Wash the outside of the hut.	YES		NO	X		Garmin GPS time keeper	Good	Χ	Poor		padlocks.	ı		
Г	Condition of Solar Panels					1	Check cables and wiring	Good	Х	Poor					
	Perform visual inspection only. DO NOT CLIMB ON THE HUT					L	Cable ties secure	YES	Х	NO]			
1.0	Wash solar panels	YES	X	NO											
	Solar panel glass broken	YES		NO	X	Г	Condition of Environmental		ET) st	ructu	re				
	Check cables and wiring	Good	<u> </u>	Poor			Is painting required	YES		NO	X				
\vdash	Cable ties secure	YES	X	NO	L		Missing nuts, threaded rods & clamps	YES		NO	Х				
	Condition of hut-in	T	V				Condition of Aquatrac Unit	Good	X	Poor		4			
	Is light working when turned ON?	YES	X	NO		-	Condition of vent covers (Wire Gauze)	Good	X	Poor		-			
1.E	Is the hut clean inside?	YES	X	NO	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	┕	Condition of steel structure	Good	X	Poor					
	Batteries - Corrosion on terminals?	YES	_	NO	X		Condition of RADAR structure								
	Is there any vermin waste?	YES		NO NO	X	2.F		YES	ture	NO	~	-			
	Sweep floor Pest control - Spray cockroaches & ants	YES	X	NO	X		Missing nuts, threaded rods & clamps Condition of VEGA unit (RADAR)	Good	X	NO Poor	X	-			
	- Lay mice baits	YES	_	NO	X	ł	Condition of vega unit (RADAR) Condition of steel structure	Good	$\frac{\wedge}{\vee}$	Poor		1			
	Are the 2 black tool boxes in the hut?	YES	X	NO	_^	⊢	Please email this report a		otos:			1			
	Run power tools & lub drill chuck.	YES	X	NO		1	spctechnicalsIm@spc.int								
	Spare flash card in Telvent unit?	YES	X	NO		1	OOHA.sealevel@bom	u							
	Spare fuse box in Telvent unit?	YES	X	NO		1		Use www.WeTransfer.com for large photo files							



Ver 6 : 2023

Temporary Tide Gauges

Atiu, Mauke and Mitiaro in Cook Islands



Buka, Bougainville, Papua New Guinea







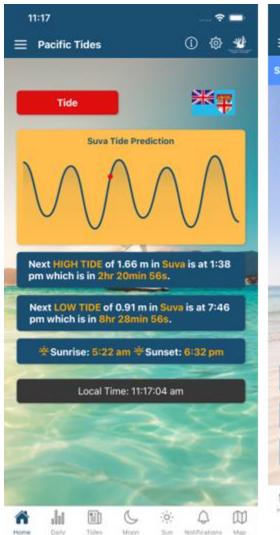


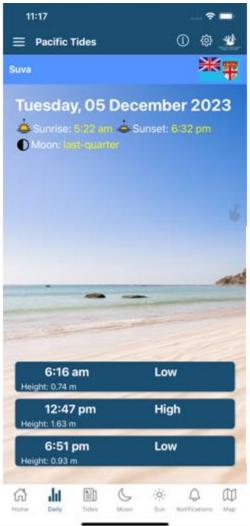
PRODUCTS & SERVICES

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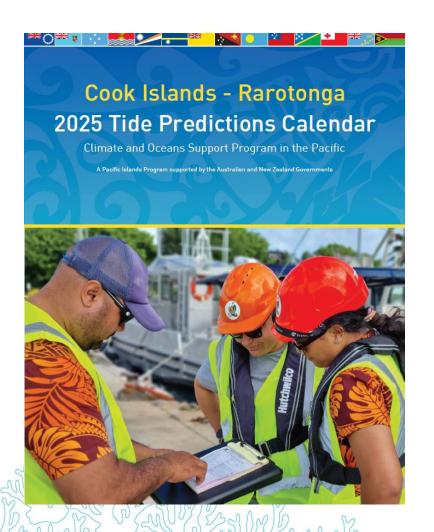


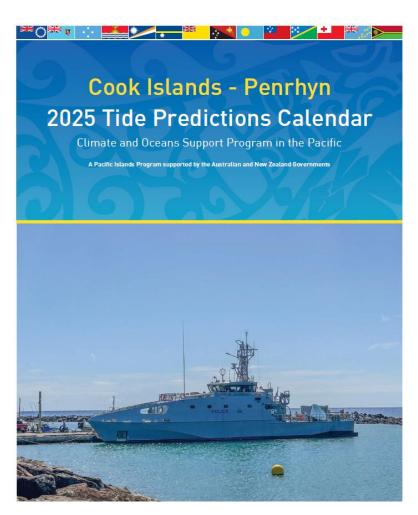






Pacific Tidal Prediction Calendars





FIVE MINUTES THAT CAN SAVE YOUR LIFE

Before going out to sea:

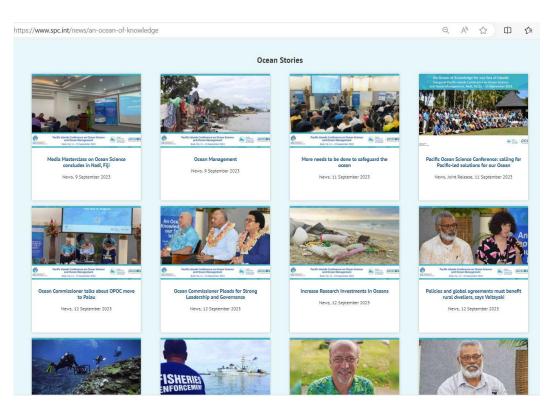








Communications with and between key stakeholders and diverse communities:



An Ocean of Knowledge for our Sea of Islands

The Pacific Community (spc.int)







COMMUNICATIONS

Strategic Deliverable 3:

NMHSs are coordinating two-way communication of COSPPac products/services with their priority stakeholders utilising inclusive processes; and are evaluating these products/services.

50000





- Regional Tides Training
- Secondment at SPC
- 3-month Internship opportunities for recent graduates
- National level geospatial training and stakeholder engagement workshop
- Support for regional conferences



CAPACITY DEVELOPMENT

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knowledge broker
geodetic, climate, and
ocean information.

Thank you/Vinaka COSPPac team at SPC

