

PACIFIC ISLANDS CLIMATE OUTLOOK FORUM-19

20 - 21 OCTOBER, 2026

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WMO

PACIFIC REGIONAL CLIMATE CENTRE NETWORK

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PICOF-19

PRSCS M&E Framework

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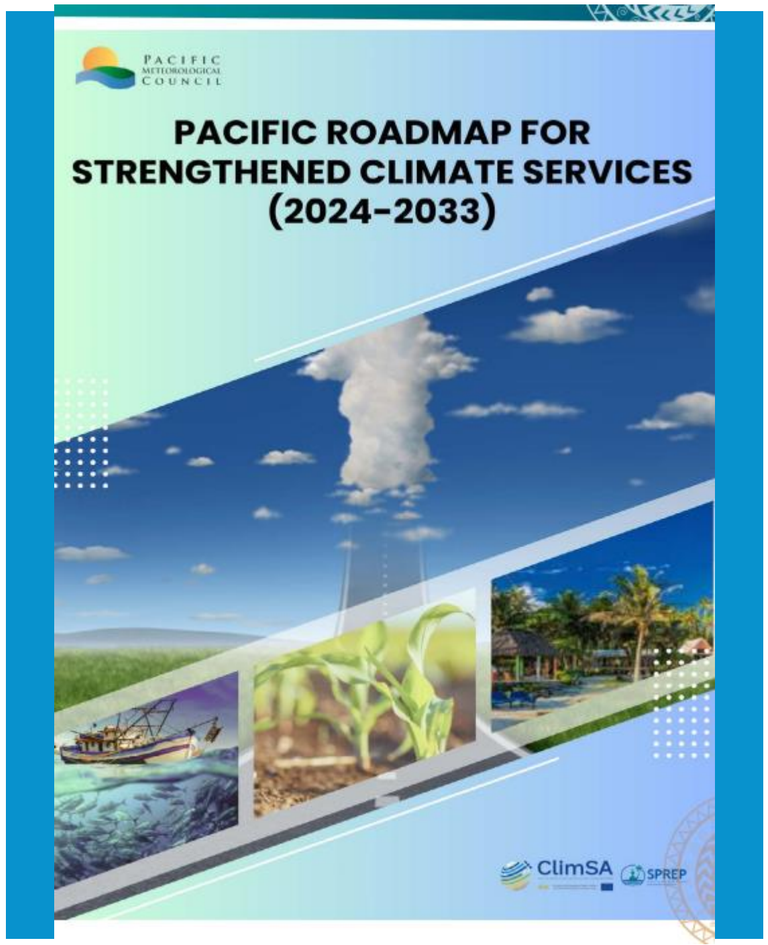
SPREP

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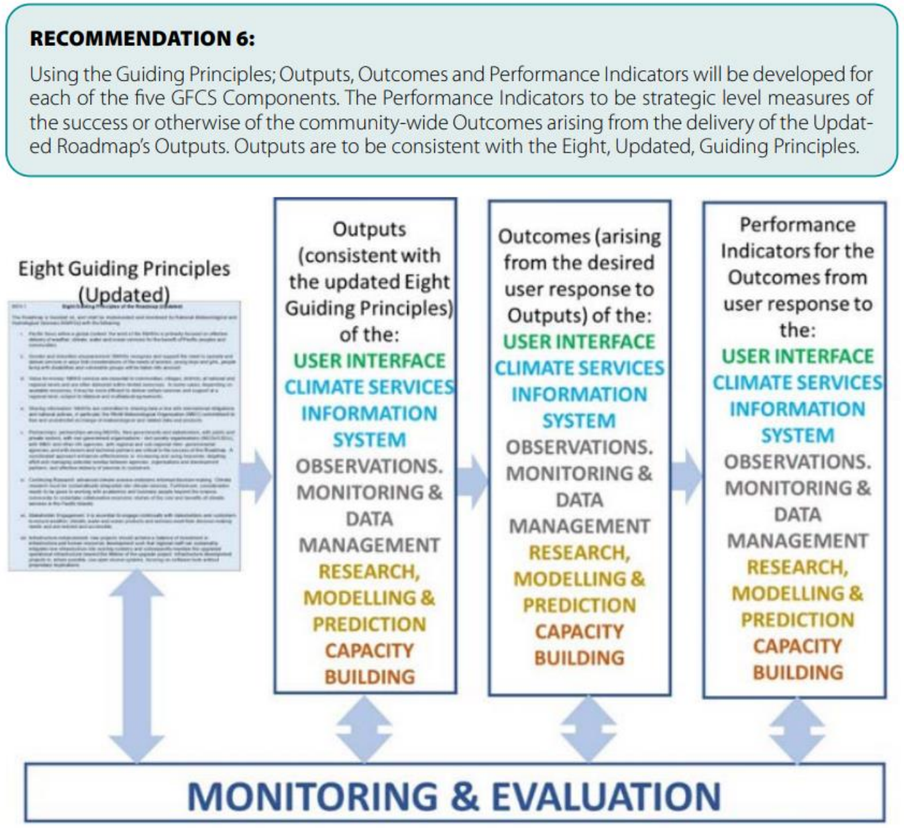
PACIFIC REGIONAL CLIMATE CENTRE NETWORK

Pacific Roadmap for Strengthened Climate Services 2024-2033

Source: https://www.pacificmet.net/pacific-roadmap-strengthed-climate-services-2024-2033



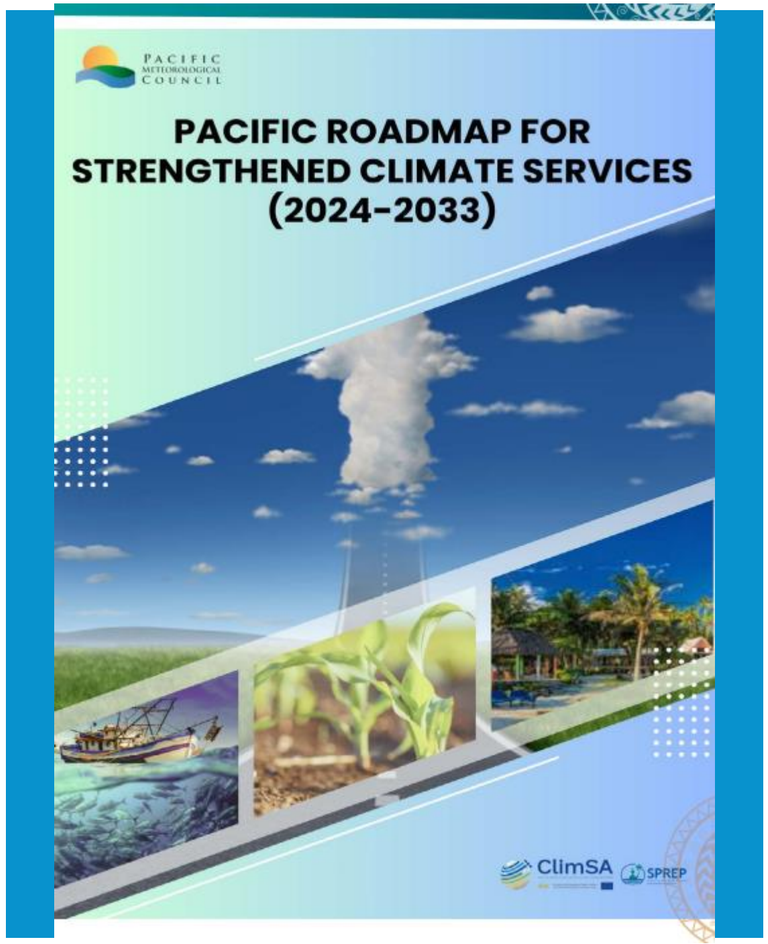
- PRSCS 2024-2033 has 11 Recommendations
- **Recommendation 6** – Using Guiding Principles, Outputs, Outcomes and Performance Indicators developed for each Component
- **Chapter 4, Recommendation 11 –** "PICS Panel establish a small possibly three person) sub-committee to provide technical leadership in the implementation of the Monitoring & Evaluation Framework.



PRSCS Recommendation - 6

Performance Indicators (GFCS Components) along with roles and responsibilities

Source: https://www.pacificmet.net/pacific-roadmap-strengthed-climate-services-2024-2033

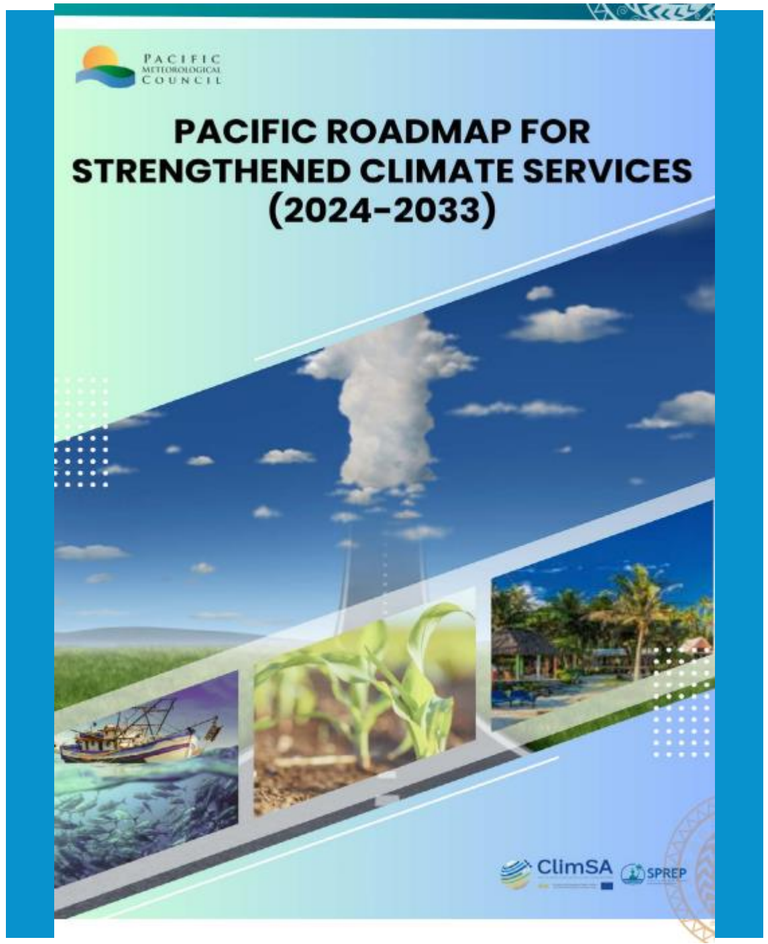


Brief description of graphic

PI	GFCS Component	Entity Responsible for Monitoring	Leadership & Coordination of Monitoring	Coordination of Evaluation
	User Interface			
1	Meetings held: including RCOFs, NCOFs, community workshops, meetings between NMHSs and managers and leaders in climate sensitive sectors (agriculture, tourism, fisheries, water, etc.), and meetings with donors (existing and potential)	NMHSs	PICS Panel	PMC NMHS Heads
2	Survey user satisfaction: (a) needs of women, children, the vulnerable, (b) language, (c) thematic (priority) areas.	Web Managers SPREP, COSPPac NMHSs	PICS Panel	PMC NMHS Heads
3	Web access statistics for climate data and products from various national web pages and other regional climate servers as an indicator of user interest.	Web Managers SPREP, COSPPac NMHSs	PICS Panel	PMC NMHS Heads
	Climate Services Information System			
4	Completed steps towards a toolkit	NMHSs	PICS Panel	PMC NMHS Heads
5	The volume of climate data exchanged through the: (a) WIS, (b) GTS, (c) Point-to-point Internet	NMHS Web Managers	PICS Panel	PMC NMHS Heads
6	Survey data of user satisfaction with access to various climate services, taking special note of the needs of women and minorities	Web Managers SPREP, COSPPac NMHSs	PICS Panel	PMC NMHS Heads

Performance Indicators (GFCS Components) along with roles and responsibilities

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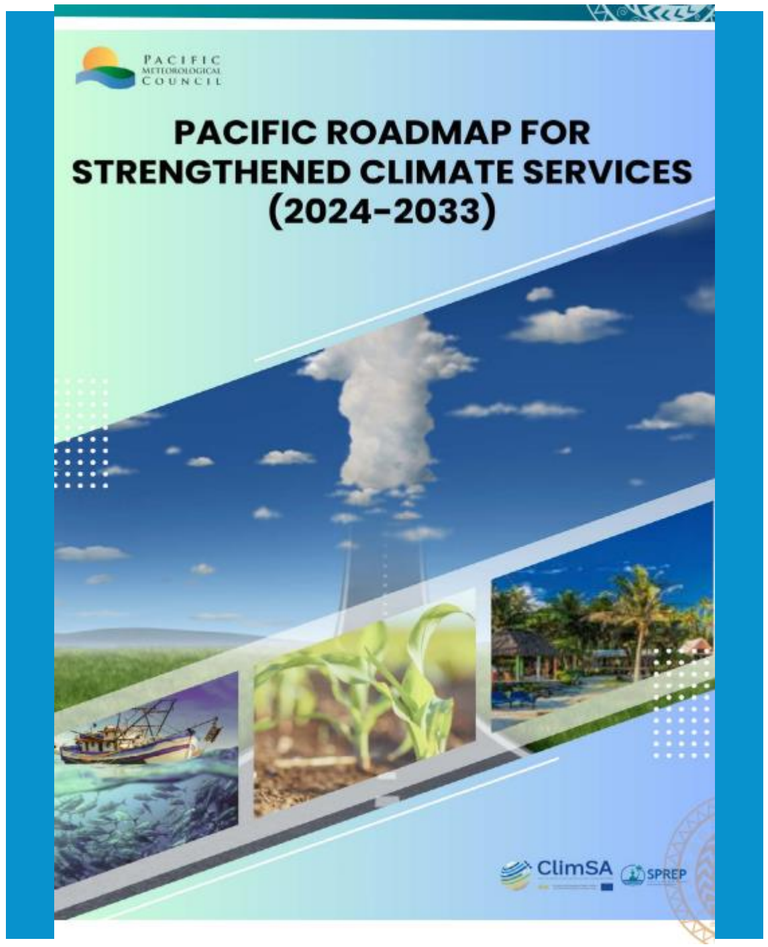
Brief description of graphic

	Observations, Monitoring and Data Management			
7	The volume of ECVs reported by all Pacific countries	NMHSs	PICS Panel	PMC NMHS Heads
8	The percentage of Pacific countries operating modern, relational climate databases	NMHSs	PICS Panel	PMC NMHS Heads
9	Survey data of user satisfaction with access to their national climate database, taking special note of the needs of women minorities and the vulnerable	NMHSs	PICS Panel	PMC NMHS Heads
10	The volume of (measured in station years) climate data copied from paper format into Pacific climate, relational databases (along with their metadata)	NMHSs	PICS Panel	PMC NMHS Heads

PI	GFCS Component	Entity Responsible for Monitoring	Leadership & Coordination of Monitoring	Coordination of Evaluation
	Research, Modelling and Prediction			
11	The Number of applied climate impact forecast models under development for Pacific Island climate sensitive activities.	Research collaborators with NMHSs	PICS Panel	PMC NMHS Heads
12	The Number of applied model products available on the Pacific web sites and their monthly "hit" rates	NMHSs	PICS Panel	PMC NMHS Heads
13	Cost-benefit studies of climate services-based decisions are prepared and published	Socio-economic collaborators & NMHSs	PICS Panel	PMC NMHS Heads
14	Results from a survey of scientists collaborating with NMHS colleagues as to the challenges and rewards from the collaboration	Researchers / NMHSs	PICS Panel	PMC NMHS Heads

Performance Indicators (GFCS Components) along with roles and responsibilities

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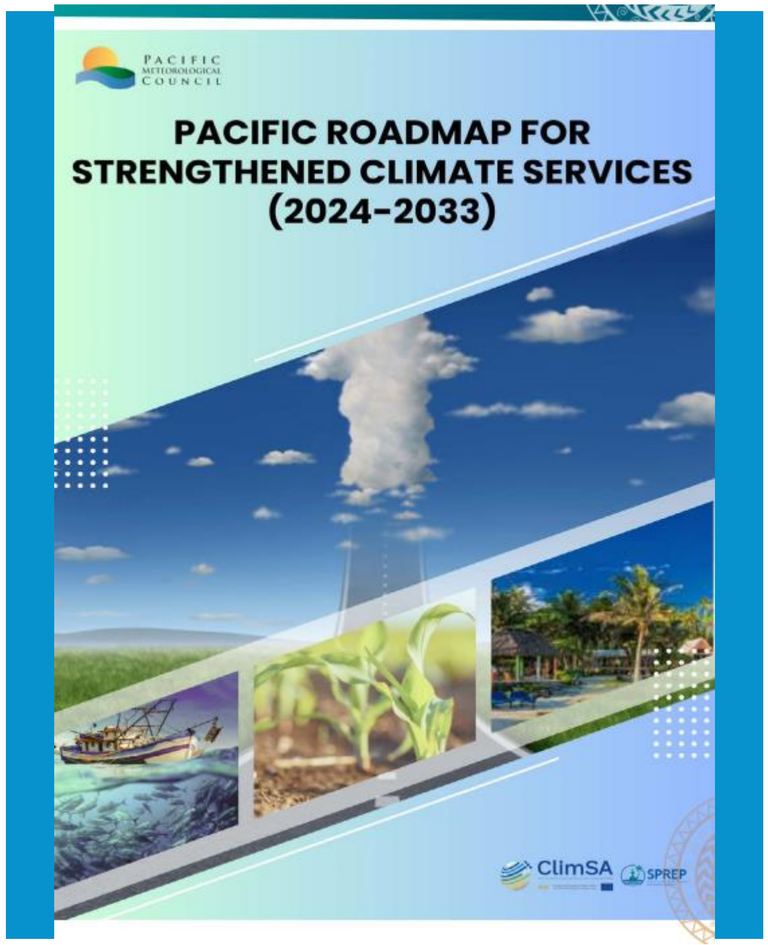


Brief description of graphic

	Capacity Building			
15	Progress in establishing a Pacific regional training centre	NMHSs	PICS Panel	PMC NMHS Heads
16	Level of international support for capacity building for climate services in the Pacific and the maintenance of a balance between investment in people and hardware	NMHSs/ Donors	PICS Panel	PMC NMHS Heads
17	Increasing number of people at the community level able to participate in climate-related workshops (especially women, youths, people with disabilities, vulnerable people and minority groups).	NMHSs	PICS Panel	PMC NMHS Heads

PRSCS M&E Reporting Templates

Source: https://www.pacificmet.net/pacific-roadmap-strengthed-climate-services-2024-2033



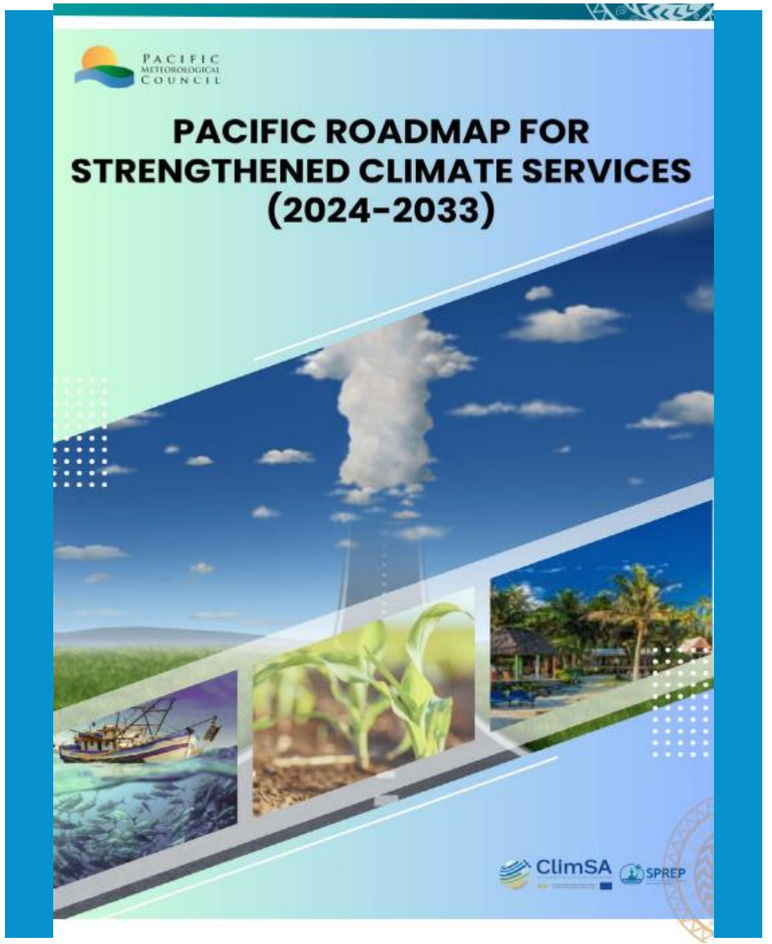
- PRSCS 2024-2033 Section 4.4 Templates for Reporting Indicator Monitoring
- Draft ‘Reporting Template’ developed for feedback: https://docs.google.com/document/d/1cCtPaW0dMX5ISACN3e3VFGx7eNiUpCXZ/edit?usp=drive_link&ouid=114298675618877951390&rtpof=true&sd=true

- Those that can best be monitored through the use of meeting reports and surveys take at the end of meetings with climate service users and other stakeholders (donors, researchers and program managers); and,

• Those that are best monitored by NMHSs and reported annually through the PICS Panel.

PRSCS M&E Reporting Templates – Web-based statistics

Source: https://www.pacificmet.net/pacific-roadmap-strengthed-climate-services-2024-2033



Box 4.1: Monitoring Using the Web

User Interface

(2) Survey data of user satisfaction with various climate services, taking special note of:

(a) the needs of women, minorities, the vulnerable;

(b) those who communicate only in the local dialect; and,

(c) thematic (priority) areas;

(3) Web access statistics for climate data and products from various national web pages and other regional climate servers as an indicator of user interest.

Climate Services Information System

(5) The volume of climate data exchanged through:

(a) WIS;

(b) GTS; and,

(c) point-to-point Internet communications for a chosen month each year;

(6) Survey data of user satisfaction with access to various climate services, taking special note of the needs of women and minorities.

Research, Modelling and Prediction

(12) The number of hybrid (climate and sector specific impact models combined) model products available on the Pacific web sites and their monthly "hit" rates.

Further Information on: PRODUCT	Monthly Total "Hits"
Climate Outlook_Current	
Climate Outlooks_Archives	
Rainfall Outlook_Current	
Rainfall Outlooks_Archives	
ENSO Outlook_Current	12563
ENSO Outlooks_Archives	
Agriculture Outlook_Current	
Agriculture Outlooks_Archives	
Fisheries Outlook_Current	
Fiisheries Outlooks_Archives	
Health Watch_Current	
Health Watches_Archives	
Data_Temperature	
Data_Rainfall	
Data_Fire Danger	
Data_Rain Days	
Data_Atmospheric Pressure	
Radar Images_Historical	
Weather Maps_Historical	
Satellite Images_Historical	
Station Observations_Historical	
Et Cetera	
All Product Total Monthly "Hits"	

Figure 17: Template for Basic "Hit" Rate Information

ENSO Outlook_ Current	URL Country	# of Hits/ Mo	Ave Dwell Time Sec	Total Dwell Sec
	CK	50	152	7600
	FJ	300	334	100200
	GU	23	201	4623
	MH	43	203	8729
	FM	76	384	29184
	NR	36	274	9864
	NU	12	218	2616
	PW	79	294	23226
	PG	321	205	65805
	SB	658	376	247408
	TG	472	245	115640
	TK	532	216	114912
	TV	326	135	44010
	VU	96	262	25152
	WS	583	389	226787
	AU	1003	231	231693
	KR	345	148	51060
	NZ	231	287	66297
	JP	126	182	22932
	UK	563	72	40536
	US	2316	137	317292
	OTHER	4372	107	467804
	TOTAL HITS	12563	177	**2223370**

Figure 19: Template for further information on the more sought after products

For each such server there will be two spreadsheet templates:

(a) Basic Web-based Statistics. This is a simple listing of each product available on the server and against that product a count of the monthly "hit" rate for it (Fig. 18); and,

(b) Further information on the more popular products (see Fig 19). This spreadsheet expands the information held on the 30 to 50 most accessed products. For these more sought after products, the following additional data are monitored for each access:
   a. Country or origin of the hit, based on the country designator in the URL; and,
   b. The length of time (dwell time) each access lasted.

The distribution of country of origin of the hits provides an understanding of the distribution of service users while the average dwell time for each product provides further insight into how useful the product is for its user community.

Country Code of Product User	Product Accessed	age<21	age21-55	age>55	M/F	Disabled/ Vulnerable	Preferred Language	Satisfied 1-5
WS	Monthly SST			Y	M	N	CD	3
WS	ENSO Bulletin	Y			F	N	ENG	2
TG	Station Obs data		Y		M	N	CD	4
FJ	ENSO Bulletin		Y		M	Y	ENG	4
TV	Fisheries Bulletin	Y			M	N	CD	5
FJ	Fire Danger ratings		Y		F	Y	ENG	4
VU	Malaria Watch			Y	F	Y	FR	4
NZ	SST Data			Y	M	N	ENG	5
Etc.	Etc.	Etc.	Etc.	Etc.	Etc.	Etc.	Etc.	Etc.
Etc.	Etc.	Etc.	Etc.	Etc.	Etc.	Etc.	Etc.	Etc.

Figure 20: Template WSUS satisfaction survey data held in a relational database.

Distribution by country and hits

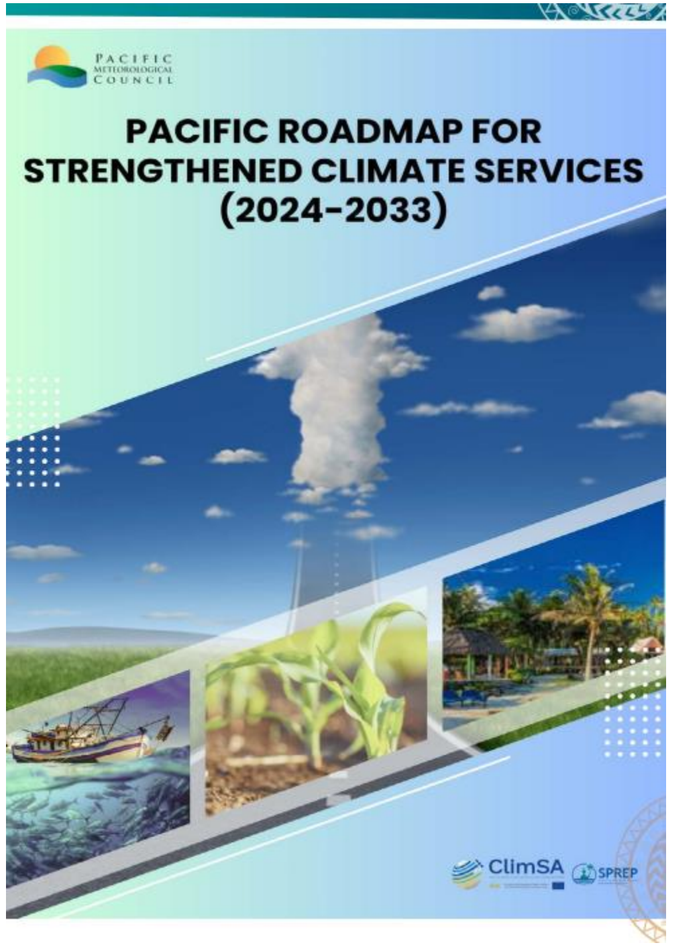
Summary

The PRSCS outlines a clear M&E Framework to be employed.

Seeking guidance on its implementation, as it aligns with M&E for the new PIMS 2027-2037

PICS Panel to appoint the PRSCS M&E Sub-Committee

PICS Panel to undertake further awareness of the PRSCS, reporting process, templates and roles and responsibilities



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