



SPREP
Secretariat of the Pacific Regional
Environment Programme



pacific climate change centre

Pacific Climate Change Centre

GENERAL INFORMATION

**Training Course on
“Strengthening climate resilience and safe water access in rural
areas in the Pacific”**

**MICRONESIA
24-28 JULY 2023**

Majuro, Republic of Marshall Islands (RMI)

This is a general information note pertaining to the above-mentioned Pacific Climate Change Centre (PCCC) training being implemented face-to-face in Marshall Islands.

PCCC:

The Pacific Climate Change Centre (PCCC) was pledged by the Government of Japan at the Seventh Pacific Islands Leaders Meeting (PALM 7) in 2015 to respond to a number of needs on climate change in the region. With its strategy and business plan, the PCCC will deliver four mutually reinforcing functions: knowledge brokerage; applied research; capacity building through training and learning; and supporting innovation.

I. Description of the Training Course

1. Background

The Paris Agreement (PA) aims to strengthen the global response to the threat of climate change by maintaining global temperatures well below 2 degrees Celsius above pre-industrial levels and to pursue efforts to limit the temperature increase to 1.5-degrees Celsius. A key principle in the Paris Agreement is that all countries are expected to submit enhanced Nationally Determined Contribution (NDC) and develop and implement their National Adaptation Plan (NAP)s.

This face-to-face training program is planned to follow up the previous virtual training program “Enhancing climate resilience and safe water access in rural areas in the Pacific” delivered in May 2022 under the Project for Capacity Building on Climate Resilience in the Pacific (CBCRP-PCCC).

This aims to further strengthen capacities of the practitioners in the Pacific working on climate change and water sectors. The modules will present the use of climate modeling, projection, and their data to support strong climate rationale. It will also provide lectures on additional innovative technical solutions and gender and social inclusions, as well as opportunities of site-visit and conversation with leaders and managers of rural/community-based water systems. They also aim to further strengthen their capacities of project formation, scheduling, budgeting, and monitoring and evaluation plan of a water-related climate change project through exercises.

2. Course objective

This PCCC face-to-face training program aims to:

- Enhance understanding of climate science and modeling to strengthen the climate rationale of a project proposal
- Enhance understanding of adaptation and mitigation options for rural water including innovative technical approaches and for community-based management.
- Provide examples of cases in the Pacific Island on safe rural water access
- Develop skills for project development and management

3. Target countries

Palau, FSM, RMI, Nauru, Guam, and Kiribati

4. Eligible / target participants

It is expected that nomination will be made from the participants who completed the previous virtual training program on climate resilient and safe water access in May 2022.

However, candidates that have not participated will be asked to undertake a pre-online training on the PCCC E-learning platform prior to the face to face training. It is also recommended that focal points nominate participants from both the relevant unit of rural water and unit of climate change and those are gender-balanced where possible.

The preparatory learning course based on the virtual training program in February 2022 will be facilitated by the PCCC from 26th of June 2023 on the PCCC E-learning platform. Nominated participants will be informed.

Travel cost of maximum 4 participants per country except for RMI who can nominate up to 5 participants/

5. Language to be used in the program

English

6. Training modules

The modules are as follows. Agenda is annexed.

1. Understanding of climate change model and use for climate rationale of a project proposal

Lecture

- Available resources of climate change information in the Pacific
- IPCC Interactive atlas
- CMIP projection Viewer
- Van KIRAP portal

Exercise

- Revisiting problem and objective trees analysis and logical framework development
- Use of climate change data/information to discuss climate rationale for a project proposal (reference: "section B.1 Climate Context" of GCF funding proposal template)

2. Adaptation and mitigation options with innovative approaches

2.1 Additional information of innovative technical solutions for safe water access

Lecture

- Cost effective maintenance of water systems (treatment facility, pipes, automation system/devices) in remote areas
- Renewable energy design for water systems
- Use of short-term and mid-term weather and climate information for water

systems management

Site visit

- to be confirmed with the RMI climate change and water resources divisions.

2.2 Management for rural safe water access – Fiji case study (Filipe)

Lecture

- Gender and social inclusion

Short exercise

- Consideration of gender and social inclusion elements

Site visit

- Conversation with the managers/leaders of the rural water systems

3. Project formulation and management

Lecture

- Draft Handbook for Project formation in the Pacific
- Revisiting schedule and budget plan
- Monitoring and Evaluation plan
- Theory of Change

Exercise

- Improvement of Problem and Objective trees and Logical Framework
- Schedule, Budget, and M&E plan
- Theory of Change

7. Certification of Completion

Participants who meet the requirements below will receive a certification of completion of training.

- Attend all sessions and site visits
- Pass final quizzes of Module 1 and 2 (passing score: 7/10 quizzes)
- Submit course evaluation

II. Procedure for Nomination

1. Expected role of the Participants

- (1) This course is designed primarily for participants who completed the previous virtual training programs. Participants are expected to use the relevant knowledge provided through the course for their current projects or future activities and contribute to the national planning and the implementation of the National Adaptation Plans (NAPs) and Nationally Determined Contributions (NDCs) to enhance climate resilience.
- (2) Nominated participants for this training program who did not join the previous virtual training program, will be requested to finish the preparatory learning

using the contents of the virtual training program on the PCCC E-learning platform from **26th June 2023** onwards. Details will be communicated from the PCCC secretariat.

- (3) The project team will follow up on the activities of participants and may disseminate their stories through the SPREP website.

2. Participant Qualifications

In addition to eligibilities in section I, participants are expected to meet the following qualifications. The participants would not necessarily be employed by the applying organizations, as long as they are selected officially by the organizations for their specific purposes. The participants must be either engaged in the said field or working in a field directly related to the program subject.

(1) Current duties

- (a) Entry to mid-level officials or practitioners of governmental or non-governmental institutions including the private sector.
- (b) In charge of relevant fields of this training program: climate change.
- (c) Expected to be in the near future involved or already be involved in the decision-making process of planning/development and implementation of policies in the relevant fields.

(2) Essential Qualifications

- (a) Computer skills: High computer literacy in Microsoft Office Suite.
- (b) Educational Background: Diploma (two years of tertiary education) or equivalent
- (c) Language: have competent command of spoken and written English.
- (d) Health: must be in good health, both physically and mentally, to participate in the Program
- (e) Age: between the ages of 24 and 45 years
- (f) Must not be serving any form of military service.

(3) Recommendable Qualifications

Gender Consideration: The project promotes gender equality. Women are strongly encouraged to participate in the course.

3. Required Documents for Nomination

Please fill out the Nomination Form (Annex iii) and submit it to the PCCC through the Climate Change Focal Points by **Friday 26th May 2023**.

4. Conditions for Attendance

- (1) Not to utilize knowledge and skills acquired in training for military purposes.
- (2) To strictly adhere to the course schedule.
- (3) Not to change the course topics.
- (4) To refrain from engaging in any political activities during the training.

III. Administrative Arrangements

1. Flight, Accommodation and Venue

The logistic details will be sent to participants from the PCCC.

2. Organizer

For enquiries and further information, please contact the below.

- (1) Name: Mrs Fiona
- (2) Email; naoafiogaf@sprep.org, or pccc@sprep.org
- (3) Office: c/o P.O. Box 240, Secretariat of the Pacific Regional Environment Programme (SPREP), Apia, Samoa

IV. Training Schedule

24-28 July 2023

Majuro, RMI

DAY 1		
9:00	Opening (10 mins): Opening Prayer Welcome and Opening Remarks	MC: Yvette Kerlake Semi Qamese Mrs. Ofa Kaisamy
9.20	Introductory and recap session of the virtual training program in May 2022	Facilitator for Day 1: Yvette Kerlake
	Introduction of the course: (10 mins):	Fred Patison
	Country discussions to Agree on their respective topic for the Week Exercise	Fred Patison
	Country discussions/presentations – The Problem and Objective trees developed during the virtual training program.	All countries (presentation 5 mins + feedbacks from experts

		3 mins)
10:30	Coffee/Tea break	
11:00	Module 1: Understanding of observed and projected climate change in the Pacific and Use of change model. Lecture - Available resources of climate change information in the Pacific (10 mins) Q&A (20 mins)	Salesa/Mr. Tile Tofaeono, SPREP
	IPCC Interactive atlas (10 mins)	Dr. Michael Grose, CSIRO
	Van KIRAP portal (10 mins)	Mr. Nathan Eaton, NGIS
	CMIP projection Viewer (10 mins)	Dr. Yuji Masutomi, NIES
12:00	Lunch	
13:00	Module 1: (cont.) Exercise (1) Use of climate change data/information to discuss climate rationale for a project proposal Lecture - IPCC Climate Change Summary for PICTs -	Yvette Kerslake
	Building the Climate Rational Exercise	Yvette Kerslake
	- Introduction 2 slides: (5 mins) Group exercise: All countries will develop "Climate Context" text for their own "exercise project" using scientific evidence. (60 mins)	Salesa/Mr Tile Tofaeono Dr. Yuji Masutomi, Fred P
14:30	Coffee/tea break	
15:00	Module 1: Exercise (cont.) - Presentation of the project outputs from all countries Q&A and Discussion	Feedbacks from: Mr. Fred Patison, Mr Tile Tofaeono Dr. Yuji Masutomi,
DAY 2		Day 2 Facilitator Mrs. Ofa Kaisamy
9:00	Module 2.1: Innovative Technical solutions for safe water access	

	Lectures - Cost effective maintenance of water systems (treatment facility, pipes, automation system/devices) in remote areas: (15 mins)	Matt Francis
	- Renewable energy design for water systems: (15 mins) get person from Pacific – Pacific case study for atolls and isolated islands (15 mins)	Matt Francis
	Morning Tea – 10.30AM	
	- Use of short-term and mid-term weather and climate information for water systems management: (15 mins) Q&A (15 mins)	Salesa/Mr Tile Tofaeono SPREP
12:00	Lunch	
13:00	Module 2.2 Management for rural safe water access Guest Lecture Case study on safe surface water access in Fiji by the Fiji Ministry of Infrastructure and Meteorology	Filipe Batiwale
	Guest Lecture; Impact assessments for climate change and water projects	SUPA project – Monifa to Confirm
	Afternoon Tea – 2:30PM	
	Lecture - Gender and social inclusion: (20 mins)	Ofa Kaisamy
	Short exercise: Consideration of gender and social inclusion elements. - Introduction: (5 mins) Group exercise: Participants consider their gender and social inclusion elements for their own “exercise output” (20 mins)	Ofa Kaisamy
	Country Presentation of the project outputs All countries (Presentation 3 mins + feedbacks from experts 2 mins) Q&A and discussion (20 mins)	Fred Patison Semi Qamese Mrs. Ofa Kaisamy Dr. Yuji Masutomi,
DAY 3		Day 3 Facilitator: Mrs. Yvette Kerlake
9:00	Module 3: Project formulation and management	

	Lecture - PCCC Draft handbook for project formulation: (20 mins)	Mr. Fred Patison
	Introductory lecture on the theory of Change	Mr Fred Patison
	Monitoring and Evaluation Plan: (25 mins)	Mr. Semi Qamese
10.30	Coffee/Tea break	
	Development of the logical framework and exercise: (20 mins)	Mr Fred Patison
11:20	Module 3: Exercise: (1) Improvement of their logical framework - Introduction: (5 mins) - Group exercise: countries to improve their log frame by using knowledge and information of Module 1-3. (35 mins)	Mr. Fred Patison Mentoring by: Mr. Fred Patison, Mr. Semi Qamese, Dr. Yuji Masutomi,
12:00	Lunch	
13.00	Revisiting schedule and budget plan: (10 mins)	Ms Yvette Kerlake/Fred
13:30	Module 3: Exercise: (2) Schedule plan and Budge plan of their “exercise project” - Introduction: (5 mins) - Group exercise: Countries to develop schedule plan and budget plan of their own “exercise project” (55 mins)	Mr. Fred Patison Mentoring by: Mr. Fred Patison, Mr. Semi Qamese, Dr. Yuji Masutomi,
14:30	Coffee/Tea break	
15:00	Module 3: Exercise: (3) M&E plan and Theory of Change of their “exercise project” - Introduction: (6 mins) - Group exercise: countries to develop M&E plan and Theory of Change of their own “exercise project” (65 mins)	Mr. Semi Qamese, and Mentoring by: Mr. Fred Patison, Mr. Semi Qamese, Dr. Yuji Masutomi,
DAY 4		Day 4 Facilitator – Fred Patison
9:00	Module 3: Presentation of the outputs: updated Logical Framework, schedule, budget, M&E plan, and Theory of	Feedbacks from:

	Change Q&A and Discussion (20 mins)	Mr. Fred Patison, Mr. Semi Qamese, Dr. Yuji Masutomi,
10:30	Coffee/Tea break	
11:00	Module 3 (4) cont. (Presentation 20 mins + feedbacks from experts 10 mins) Q&A and Discussion (10 mins)	Feedbacks from: Mr. Fred Patison, Mr. Semi Qamese, Dr. Yuji Masutomi,
12:20	Lunch	
13:20 – 5PM	Field trip – Will liaise with RMI water sectors	Ofa/Fred
Day 5		Day 5 Facilitator: Yvette Kerlake
9:00PM	Final Country Presentations	Fred Patison Ofa Kaisamy
10:30AM	Morning Tea	
	Final Quiz (20 mins) Course evaluation (20 mins)	
12:00PM	Lunch	
1-6PM	Free afternoon for participants	
6:00PM	Closing Dinner and Presentation of certificates	TBC