



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”**

20 – 24 March 2023

Port Vila, Vanuatu

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

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

Vanuatu, Solomon Islands, Papua New Guinea, Fiji, and New Caledonia

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 13th of February 2023 on the PCCC E- learning platform. Nominated participants will be informed.

Travel cost of maximum 4 participants per country except for Vanuatu who can nominate up to 6 participants will be supported by the PCCC.

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 Vanuatu 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 **13 February 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 **Wednesday 1st February 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: Ms. Emma Arasi-Sua

(2) Email: emmas@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

Training schedule

20 th March 2023		
9:00	Opening (5 mins): Introduction of the course: (10 mins):	Mrs. Ofa Kaisamy Mr. Fred Siho Patison Vanuatu Government Rep MC: Semi Qamase
9:20	Recap of the virtual training program in May 2022 - Outcome and lessons learnt of the previous virtual training in May 2022: (5 mins) - Presentation of the Problem and Objective trees developed during the virtual training program in May Vanuatu, Solomon Is, PNG and Fiji (presentation 5 mins + feedbacks from experts 3 mins) - Lecture & group exercise: Theory of Change	Facilitator: Ms. Emma Arasi-Sua Mrs. Ofa Kaisamy Feedbacks from: Mr. Fred Siho Patison, Dr. Peter King Dr. Peter King Mr. Fred Siho Patison

11:00	Coffee/Tea break	
11:20	<p>Module 1: Understanding of observed and projected climate change in the Pacific and Use of change model.</p> <p>Lecture</p> <ul style="list-style-type: none"> - Available resources of climate change information in the Pacific (10 mins) - IPCC Interactive atlas (10 mins) - Van KIRAP portal (10 mins) - CMIP projection Viewer (10 mins) <p>Q&A (20 mins)</p>	<p>Facilitator: Mrs. Ofa Kaisamy</p> <p>Mr. Salesa Nihmei, SPREP</p> <p>Dr. Michael Grose, CSIRO</p> <p>Mr. Nathan Eaton, NGIS</p> <p>Dr. Yuji Masutomi, NIES</p>
12:20	Lunch	
13:20	<p>Module 1: (cont.)</p> <p>Exercise</p> <p>(1) Use of climate change data/information to discuss climate rationale for a project proposal</p> <ul style="list-style-type: none"> - Introduction 2 slides: (5 mins) - Group exercise: Participants will develop “Climate Context” text for their own “exercise project” using scientific evidence. (70 mins) 	<p>Facilitator: Mrs. Ofa Kaisamy</p> <p>Mr. Fred Patison</p> <p>Mr. Salesa Nihmei</p> <p>Dr Peter King</p>
14:40	Coffee/tea break	
15:00	<p>Module 1: Exercise (cont.)</p> <ul style="list-style-type: none"> - Presentation of the outputs Vanuatu, Solomon Is, PNG and Fiji (presentation 5 mins + feedbacks from experts 3 mins) <p>Q&A and Discussion (10mins)</p>	<p>Facilitator: Mr. Fred Patison</p> <p>Feedbacks from:</p> <p>Mr. Fred Patison, Dr. Peter King, Mr. Salesa Nihmei</p>
16:00	First day closing, Introduction of the second day	Mrs. Ofa Kaisamy
Tuesday 21 March 2023		
9:00	<p>Module 2.1: Innovative Technical solutions for safe water access</p> <p>Lectures</p> <ul style="list-style-type: none"> - Cost effective maintenance of water systems (treatment facility, pipes, automation 	<p>Facilitator: Fred Siho Patison</p> <p>Dr. Mat Francis, Moerk Water</p>

	<p>system/devices) in remote areas: (15 mins)</p> <ul style="list-style-type: none"> - Renewable energy design for water systems: (15 mins) get person from Pacific – Pacific case study for atolls and isolated islands - Use of short-term and mid-term weather and climate information for water systems management: (15 mins) <p>Q&A (15 mins)</p>	<p>Dr. Mat Francis, Moerk Water</p> <p>Mr. Salesa Nihmei, SPREP</p>
12:30	Lunch	
13:00	<p>Module 2.2 Management for rural safe water access</p> <p>Guest Lecture Case study on safe surface water access in Fiji - Fiji Ministry of Infrastructure and Meteorology</p> <p>Guest Lecture; Water and CC in the atoll communities Case study in</p> <p>Lecture - Gender and social inclusion: (20 mins)</p> <p>Q&A (20 mins)</p> <p>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) - Presentation of the outputs Vanuatu, Solomon Is, PNG and Fiji (Presentation 3 mins + feedbacks from experts 2 mins)</p> <p>Q&A and discussion (20 mins)</p>	<p>Facilitator: Mrs. Ofa Kaisamy</p> <p>Filipe Batiwale</p> <p>Ms. Marita Manley, Talanoa Consulting</p> <p>Ms. Marita Manley</p> <p>Feedbacks from: Ms. Marita Manley Dr Peter King Mrs. Ofa Kaisamy</p>
17:00	Second day closing, Introduction of the second day	Facilitator: Mrs. Ofa Kaisamy

18:00	Dinner hosted by the PCCC	
Wednesday 22 March 2023		
9:30	<p>Module 3: Project formulation and management</p> <p>Lectures</p> <ul style="list-style-type: none"> - Draft handbook for project formulation: (20 mins) - Development of the logical framework and exercise: (20 mins) - Revisiting schedule and budget plan: (10 mins) - Monitoring and Evaluation Plan: (25 mins) <p>Q&A and Discussion (20 mins)</p>	<p>Facilitator: Mr. Salesa Nihmei</p> <p>Mr. Fred Patison</p> <p>Dr. Peter King</p> <p>Mr. Fred Patison</p> <p>Mr. Semi Qamese</p>
11:10	Coffee/Tea break	
11:20	<p>Module 3: Exercise: (1) Improvement of their logical framework</p> <ul style="list-style-type: none"> - Introduction: (5 mins) - Group exercise: Participants improve their log frame by using knowledge and information of Module 1-3. (35 mins) 	<p>Facilitator: Mrs. Ofa Kaisamy</p> <p>Mr. Fred Patison</p> <p>Mentoring by: Mr. Fred Patison, Mr. Semi Qamese, Dr. Peter King</p>
12:00	Lunch	
13:30	<p>Module 3: Exercise: (2) Schedule plan and Budget plan of their “exercise project”</p> <ul style="list-style-type: none"> - Introduction: (5 mins) - Group exercise: Participants develop schedule plan and budget plan of their own “exercise project” (55 mins) 	<p>Facilitator: Mrs. Ofa Kaisamy</p> <p>Mr. Fred Patison</p> <p>Mentoring by: Mr. Fred Patison, Mr. Semi Qamese, Dr. Peter King</p>
14:30	Coffee/Tea break	
14:50	<p>Module 3: Exercise: (3) M&E plan and Theory of Change of their “exercise project”</p> <ul style="list-style-type: none"> - Introduction: (6 mins) - Group exercise: Participants develop M&E plan and Theory of Change of their own “exercise 	<p>Facilitator: Ms. Ofa Kaisamy</p> <p>Mr. Semi Qamese, and Dr. Peter King</p> <p>Mentoring by:</p>

	project" (65 mins)	Mr. Fred Patison, Mr. Semi Qamese, Dr. Peter King
16:00	Third day closing, Introduction of the fourth day	Mrs. Ofa Kaisamy
Thursday 23 March 2023		
9:00	Module 3: Presentation of the outputs: updated Logical Framework, schedule, budget, M&E plan, and Theory of Change Vanuatu, Solomon Is, PNG and Fiji (presentation 20 mins + feedbacks from experts 10 mins) Q&A and Discussion (20 mins)	Facilitator: Mrs. Ofa Kaisamy Feedbacks from: Mr. Fred Patison, Mr. Semi Qamese, Dr. Peter King
10:50	Coffee/Tea break	
11:10	Module 3 (4) cont. (Presentation 20 mins + feedbacks from experts 10 mins) Q&A and Discussion (10 mins)	Facilitator: Mrs. Ofa Kaisamy Feedbacks from: Mr. Fred Patison, Mr. Semi Qamese, Dr. Peter King
12:20	Lunch	
13:20	Field trip – TBC with Vanuatu Government	
Friday 24 March 2023		
9-12 PM	Final Quiz (20 mins) Course evaluation (20 mins)	Fred Patison Ofa Kaisamy
6:00PM	Closing Dinner and Presentation of certificates	Ofa Kaisamy