



# SPREP

Secretariat of the Pacific Regional  
Environment Programme

## Terms of Reference

### **CLIMATE RISK AND VULNERABILITY ASSESSMENT TO INFORM THE NATIONAL ADAPTATION PLANNING PROCESS IN SELECTED PACIFIC ISLAND COUNTRIES**

#### **Participating Countries:**

Federated States of Micronesia, Nauru, Niue and Tuvalu

## **1. INTRODUCTION**

### **1.1. Background**

The Secretariat of the Pacific Regional Environment Programme (SPREP) is the delivery partner to the development of National Adaptation Plans (NAPs) for the Federated States of Micronesia (FSM), Nauru, Niue and Tuvalu. As part of the development of the NAPs, there are specific activities that include climate risk and vulnerability assessments to identify the likelihood of future climate hazards and their potential impacts. This is also fundamental to informing the prioritising of climate action and investment in adaptation.

SPREP will engage a consultant to conduct the climate risk and vulnerability assessments in the FSM, Nauru, Niue and Tuvalu. The consultant will have a strong knowledge of, and experience on, risk and vulnerability assessments in the participating countries including having access to baseline data and information and capacity to update these to address the tasks in this term of reference. The consultant will also have a good understanding of the country context and has worked on, or is currently working on, similar activities.

## **2. OBJECTIVE**

To conduct a risk and vulnerability assessment for each participating country which will inform the national adaptation planning process.

## **3. SCOPE OF WORKS**

Under the guidance of the SPREP and country NAP Teams, The Consultant will deliver the tasks below:

### **2.1. Scoping**

Identify, collect and compile relevant documents, data and information (historical and updated), stakeholders, describe the hazards, vulnerabilities and resulting risks to be assessed. These include:

- Stock take of past and ongoing risk and vulnerability assessments identifying gaps
- A description of clear climate-related risks to be addressed in the climate risk and vulnerability assessment
- Summary of existing baseline data and information and scope of the expansion of the baseline
- Provide details of the assessment methodology to be used in the climate risk and vulnerability assessment
- Provide an indicative timeframe, costs and resources to carry out the assessment



## 2.2. Climate Risk and Vulnerability Assessment

### 2.2.1 Describe the existing conditions

- Main hazards and their impacts currently experienced (e.g., heavy rainfall, flooding, drought, storm surges, destruction to infrastructure, etc.)
- Vulnerability context in which hazards are translated in to impacts i.e., which populations, areas, groups, systems or sectors are most affected by climate hazards, and what are the drivers (e.g., social, economic, geographic, policy, etc.) of their vulnerability?
- The level(s) of adaptive capacity in the relevant populations, groups, systems, sectors, and institutions. What options are there for effective responses to manage and reduce existing risks, and what are the constraints that prevent action to reduce risk being taken.

### 2.2.2 Examine how conditions might evolve in the future

- The potential future evolution of climate hazards (both sudden-onset and slow-onset). The characterisation of future climate hazards may be based on data from global and regional climate models, down- scaling studies, and/or impact models (e.g., of water resources, crop yields, coastal systems, ecosystems, etc.) Alternatively, this characterisation may employ expert judgment, past analogues (e.g., of extreme events/conditions), statistical techniques (e.g., to examine the impacts of changing means and variability of the occurrence of extremes using historical data as a baseline)
- The potential future evolution of vulnerability, based on reasonable assumptions about how the drivers of vulnerability may change in conjunction with changing economic, demographic, environmental and other conditions
- The potential future evolution of adaptive capacity, based on changes in access to resources and opportunities, and in constraints on adaptation actions

## 4. DELIVERABLES

The key deliverables are:

- a) **Inception Report** detailing the following:
  - i. A comprehensive description of the understanding of the ToR and indicating any major inconsistency or deficiency in the ToR and proposed amendments
  - ii. A complete work plan for the assessment in each country.
  - iii. Draft template containing the Table of Contents for the Climate Risk and Vulnerability Assessment Reports
  - iv. Results of the scoping stage (2.1 above)

This report will be presented and discussed with the SPREP NAP Team.

- b) A **draft Risk and Vulnerability Assessment Report per country** documenting findings and recommendations as outlined in the scope including facilitating a session to discuss the contents of the draft report with SPREP and the participating countries.



- c) **Final Risk and Vulnerability Assessment Report per country:** This report shall be submitted within 10 working days of receiving comments on a draft report. The final report should respond in detail to the key focus areas described above. It should include all relevant data and information, and recommendations to inform the development of national adaptation plans. The report shall be written in English.

## 5. SCHEDULE

The assessment will be carried out for **xx working days per country** and is scheduled to take place in the period between September 2022 to December 2023.

## 6. MANAGEMENT ARRANGEMENTS

The SPREP NAP Team will provide the overall management and coordination role.

The consultant will be expected to work and coordinate with the various country Ministries leading on the NAP processes in the particular countries, as well as the NAP Project Teams in each country whose responsibility it is to develop the NAP, including the integration of the findings under this terms of reference.