

# Advancements and developments in the survey module on climate change

11<sup>th</sup> Meeting of the Expert Group on Environment and Climate  
Change Statistics (EG-ECCS)

14-17 October 2024

Lisa Green, Statistics Advisor, Climate Change, SPC

[lisag@spc.int](mailto:lisag@spc.int)

With thanks to Monica Madrid,  
Consultant and Alison Culpin, SPC

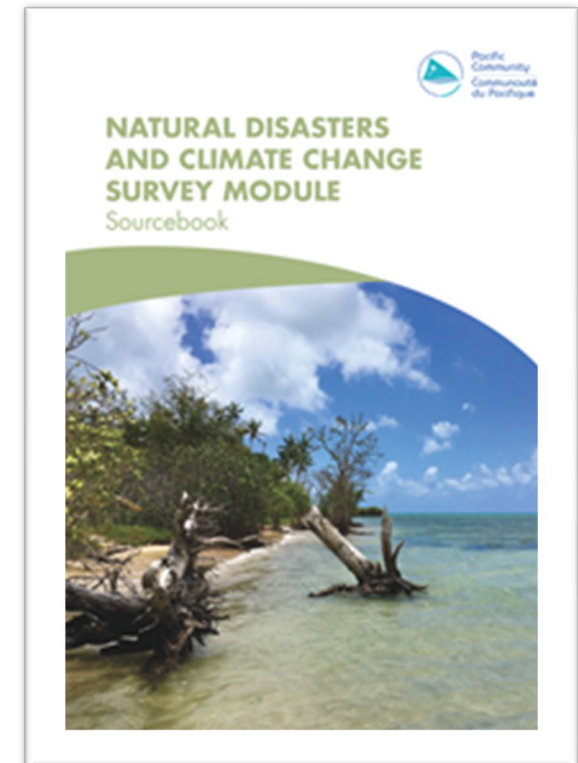
# Project Background

Developed to address data gaps related to natural disasters and climate change at the household level:

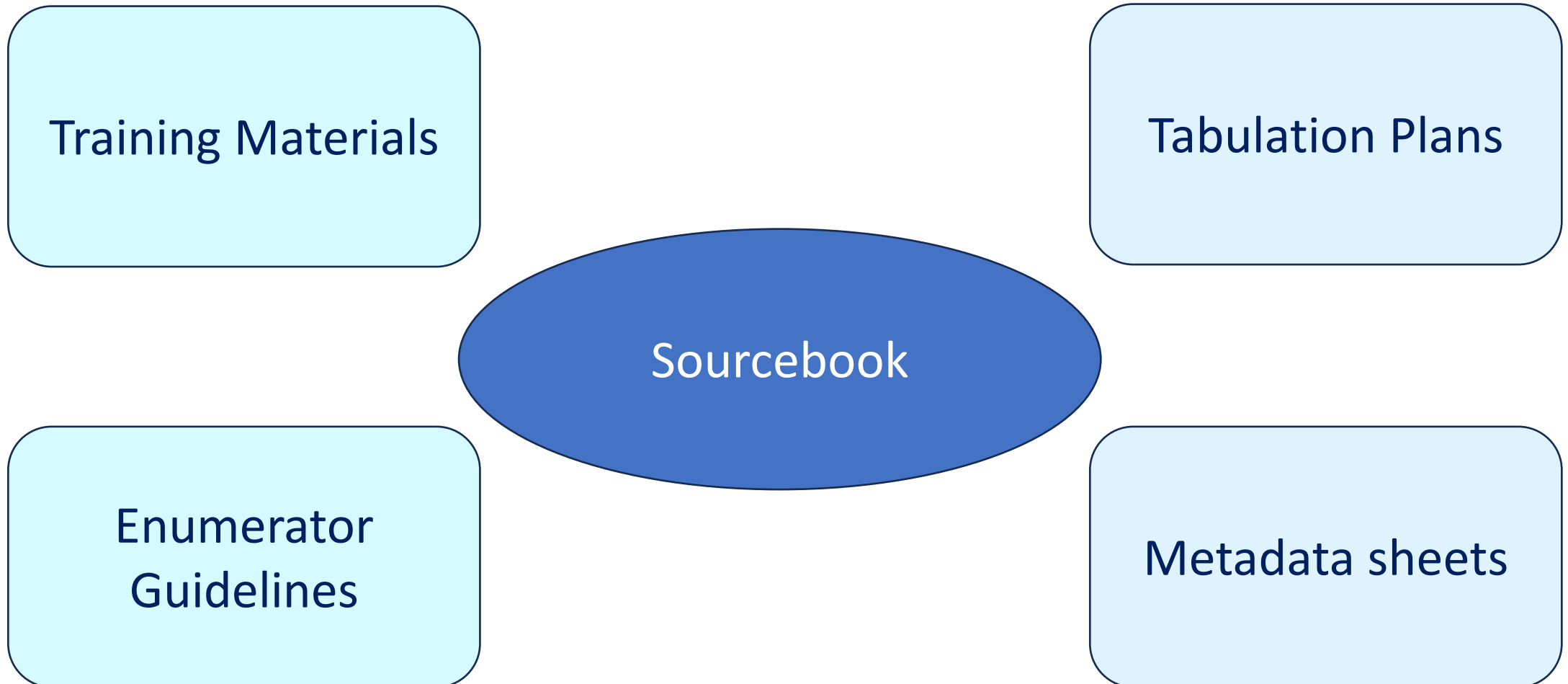
- Impacts on household members
- Impact on household assets
- Adaptive measures taken by households
- Impact of Slow Onset Events

Includes:

- Climate Change and Natural Disasters module (core questions)
- Sourcebook (series of modules covering key sectors)
- Support materials



# Support Materials



# Field Test Objectives

## Survey

- Appropriateness of the wording
- Question flow
- Feasibility of the proposed recall periods

## Process

- Survey length- time and cost to conduct survey
- Enumerator training and support
- Response rates

## Baseline statistics

- Confirm the methodology for the analysis of results
- Production of baseline statistics and indicators for countries at national level



# Field Tests

---

- Cook Islands
  - Majority of the sections from the Sourcebook
  - In conjunction with the Labour Force Survey
  - Some adaptation of questions
  - Analysis report is being finalised
- Kiribati
  - Core module
  - A module of the HIES for half of the sample
  - Data is being processed

# Field test findings... so far!

- Question wording have impacted responses
  - Response options- write in vs list of options
  - Technical language
  - Comparability
- Recall periods
- Agricultural & fisheries questions
- Combining of surveys
- Survey length and detail for each natural disaster event





# Future work



- Update the survey based on the field tests
- Produce indicators and methodologies
- Secured funding to support PICTs to implement the survey
- Vanuatu to implement in 2024