



PACMOSSI PRACTICAL WORKSHOP 2026

HOW TO IMPLEMENT *Aedes* VECTOR CONTROL

RATIONALE

Aedes-borne diseases such as dengue, Zika and chikungunya continue to threaten public health across the Pacific. Effective control requires **practical, targeted and locally-appropriate** vector control strategies.

This workshop focuses on the operational implementation of *Aedes* vector control, including larval source management, residual spraying, emerging tools and community engagement. Participants will strengthen their skills in using surveillance data to prioritise, plan and implement effective control activities suited to their local settings.

The workshop aims to **strengthen operational capacity** for coordinated *Aedes* control in order to reduce mosquito populations and minimise the risk of arboviral disease transmission across the Pacific region.

OBJECTIVES

Trainees will:

1. Strengthen practical skills in implementing *Aedes* vector control interventions, including larval source management and adult mosquito control methods.
2. Apply entomological, environmental and epidemiological surveillance data to prioritise and target vector control activities effectively.
3. Demonstrate the ability to plan and implement coordinated mosquito control activities through realistic field scenarios, informed decision-making and teamwork.

AGENDA

- **Day 1:** Understanding *Aedes* and operational planning
- **Day 2:** Larval source management - field application
- **Day 3:** Adult mosquito control operations - core technical skills
- **Day 4:** Adult mosquito control operations: field deployment & protection measures
- **Day 5:** Operational simulation exercises for *Aedes* vector control & wrap-up

AT A GLANCE

- **Location:** Madang, Papua New Guinea
- **Dates:** 9 to 13 November 2026
- **Modes:** Classroom & in-field sessions.
- **Attendees:** Staff from PIC Departments or Ministries of Health responsible for planning, implementing & supervising mosquito control

KEY FACULTY



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