



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 mosquito 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 be able to:

1. Implement key *Aedes* control interventions: larval source management and indoor/outdoor residual spraying.
2. Apply sound operational decision-making in the field, including intervention selection, correct insecticide and equipment handling, SOP/documentation compliance, and household engagement.
3. Understand the options and challenges for strengthening *Aedes* control programs in their home countries, including spatial emanators, surveillance, and local context.

AGENDA

- **Day 1:** *Aedes* mosquito control foundations
- **Day 2:** Larval source management field implementation
- **Day 3:** Residual spraying field implementation
- **Day 4:** Field debrief, operational challenge simulations and spatial emanator demonstrations
- **Day 5:** Applying *Aedes* mosquito control back home and 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 or supervising mosquito control

KEY FACULTY



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