



PACMOSSI PRACTICAL WORKSHOP 2025

**AEDES SURVEILLANCE FOR ACTION: IMMATURE &
ADULT SURVEYS TO INFORM VECTOR CONTROL**

RATIONALE

The Pacific region faces a growing threat from *Aedes*-borne arboviral diseases such as dengue, Zika and chikungunya. These diseases are transmitted in the region by at least 13 known species of *Aedes* vectors that each differ in their distributions, habitats and behaviours.

This workshop aims to assist Pacific countries to develop surveillance plans for monitoring of *Aedes* mosquito species distribution, seasonality and habitats. This information is critical to inform targeted vector control strategies to prevent or reduce transmission of arboviral diseases.

OBJECTIVES

Trainees will:

1. **Be equipped** with essential skills in larval and adult mosquito surveillance for public health.
2. **Increase** understanding of the linkage between mosquito surveillance and control.
3. **Develop** plans for mosquito surveillance to be undertaken following the workshop.

AGENDA

- **Day 1:** Kickoff + the why, what, how, where & when of *Aedes* surveillance
- **Day 2:** Entomological indices, larval identification & control
- **Day 3:** Adult identification & field collections
- **Day 4:** Data analysis, priorities & community engagement
- **Day 5:** Surveillance activity design & wrap up

AT A GLANCE

- **Location:** Honiara, Solomon Islands
- **Dates:** 10-14 November 2025
- **Modes:** Classroom, lab & in-field sessions.
- **Attendees:** Staff from PIC Departments or Ministries of Health who are responsible for planning and leading mosquito surveillance activities

KEY FACULTY



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