



**PACMOSSI**



# **PACMOSSI**

## **MONTHLY BUZZ #1**

### **6 February 2025**

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# Items

- **PacMOSSI updates**

- Recent highlights
- 2025 key activity overview
- Management & technical team
- Farewell to Assoc Prof Tanya Russell

- **Hot topic**

- Demo of Tupaia vector surveillance module
- Comments from countries



# Recent highlights



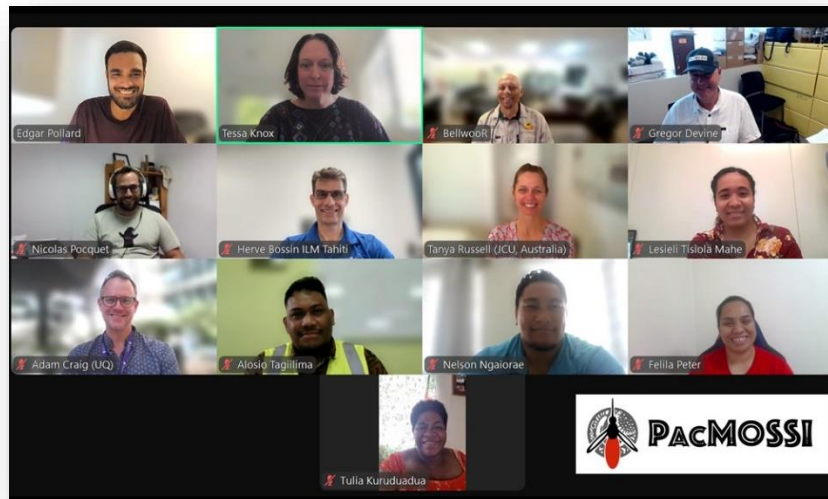
*Aedes* insecticide resistance monitoring [short course](#)



[Training package](#)



# Recent highlights



[PacMOSSI Mentoring Program \(PMP\) launch](#)



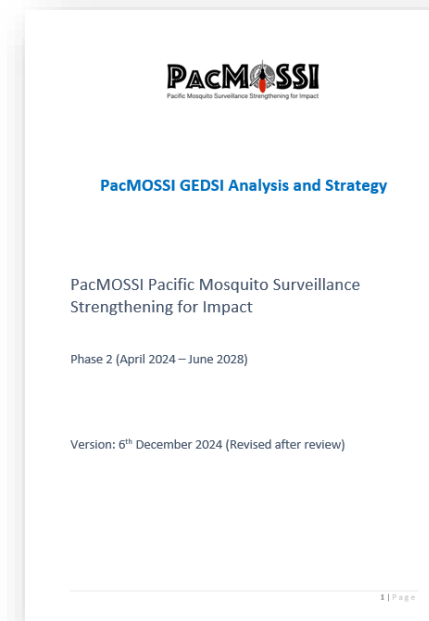
In-country training for Samoa & Kiribati



# Recent highlights

Vector surveillance and control key indicators 2024														
Pacific Island Countries and areas	Dengue transmission status in previous year	Malaria transmission status in previous year	National strategic Aedes control response plan status	National strategic Anopheles control response plan status	Vector surveillance or control included in national budget	Proportion of required national vector staff in place	Vector staff received training in previous 3 years	Entomological data is used to guide vector control decisions	Mosquito surveillance conducted in previous 3 years	Mosquito insecticide resistance monitoring in previous 3 years	Any vector control activities routinely or seasonally	Any vector control activities for outbreak response	Community members engaged for mosquito surveillance or control in previous 3 years	Inter-ministerial task force for vector control in place
American Samoa	● No cases	● No cases	● Draft plan	N/A	● No	● 57%	● Yes	● Yes	● Yes	● Yes	● Yes	● Yes	● No	● Yes
Cook Islands	● No cases	● No cases	● Draft plan	N/A	● No	● 52%	● Yes	● Yes	● No	● Yes	● Yes	● Yes	● Yes	● No
Fiji	● Endemic	● No cases	● Final plan	N/A	● Yes	● 4%	● Yes	● Yes	● Yes	● Yes	● Yes	● Yes	● Yes	● Unknown
French Polynesia	● Outbreak	● No cases	● Final plan*	N/A	● Yes	● 81%	● Yes	● No	● Yes	● No	● Yes	● Yes	● No	● Yes
Guam	● Outbreak	● No cases	● Draft plan	N/A	● No	● 31%	● Yes	● Yes	● Yes	● Yes	● Yes	● Yes	● No	● Yes
Kiribati	● Endemic	● No cases	● No plan	N/A	● No	● 18%	● Yes	● Unknown	● Yes	● No	● No	● Yes	● Yes	● No
Marshall Islands	● No cases	● No cases	● Draft plan	N/A	● No	● 18%	● No	● Unknown	● Yes	● No	● Yes	● Yes	● Yes	● No
Micronesia (FSM)	● Endemic	● No cases	● Draft plan	N/A	● No	● 71%	● Yes	● Yes	● Yes	● Yes	● Yes	● Yes	● No	● No
Nauru	● No cases	● No cases	● Final plan*	N/A	● Yes	● 32%	● Yes	● No	● No	● No	● No	● Yes	● No	● No
Niue	● No cases	● No cases	● No plan	N/A	● Yes	● 56%	● Yes	● No	● No	● No	● Yes	● No	● No	● No
Northern Mariana Islands (CNMI)	● No cases	● No cases	● Draft plan	N/A	● No	● 33%	● No	● No	● No	● No	● Yes	● No	● Yes	● No
Palau	● Outbreak	● No cases	● Final plan*	N/A	● Yes	● 38%	● Yes	● Yes	● Yes	● Yes	● Yes	● Yes	● Yes	● No
Papua New Guinea	● Endemic	● Endemic	● Draft plan	● Draft plan	● No	● 25%	● Yes	● Yes	● Yes	● No	● Yes	● Yes	● Yes	● Under development
Samoa	● Endemic	● No cases	● Final plan	N/A	● No	● 49%	● Yes	● No	● Yes	● No	● No	● Yes	● No	● Yes
Solomon Islands	● Endemic	● Endemic	● Draft plan	● Final plan	● No	● 22%	● Yes	● Yes	● Yes	● Yes	● Yes	● Yes	● Yes	● Under development
Tokelau	● Outbreak	● No cases	● Draft plan	N/A	● Yes	● 78%	● Yes	● No	● No	● No	● No	● Yes	● Yes	● Yes
Tonga	● Outbreak	● No cases	● Draft plan	N/A	● Yes	● 50%	● Yes	● Yes	● Yes	● Yes	● Yes	● Yes	● Yes	● No
Tuvalu	● Outbreak	● No cases	● No plan	N/A	● Yes	● 46%	● Yes	● Yes	● Yes	● No	● Yes	● Yes	● Yes	● Yes
Vanuatu	● No cases	● Endemic	● Final plan	● Final plan	● Unknown	● 63%	● Yes	● Yes	● Yes	● Yes	● Yes	● Yes	● Yes	● Yes

\* A finalised plan exists but it requires update (is more than 3 years past the end date)



2024 VCNAs completed and ‘[dashboard](#)’ online

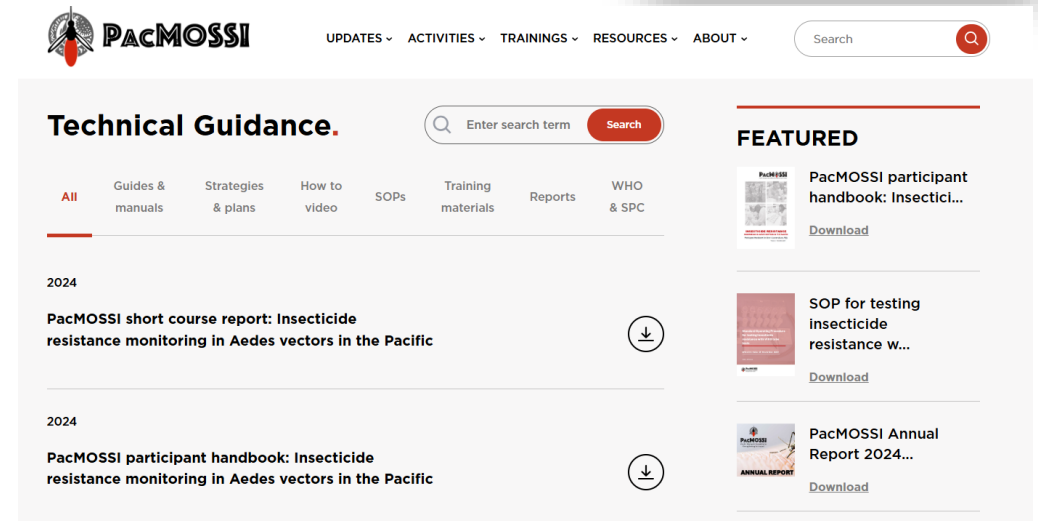
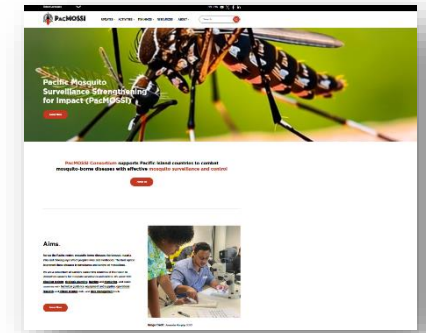
Gender Equality, Disability and Social Inclusion analysis & strategy developed



# Recent highlights



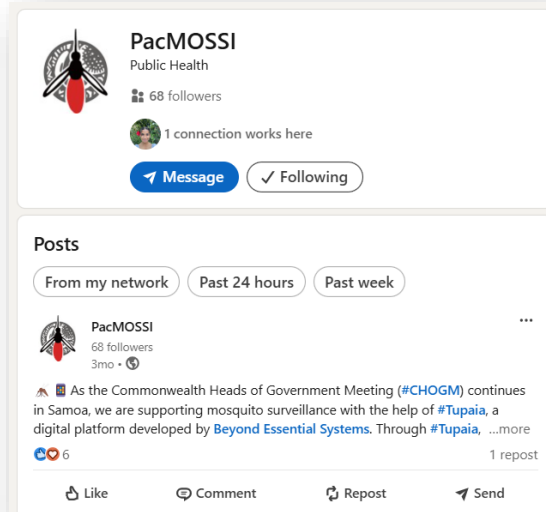
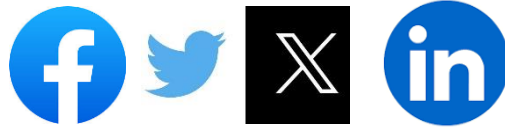
[Annual report](#)



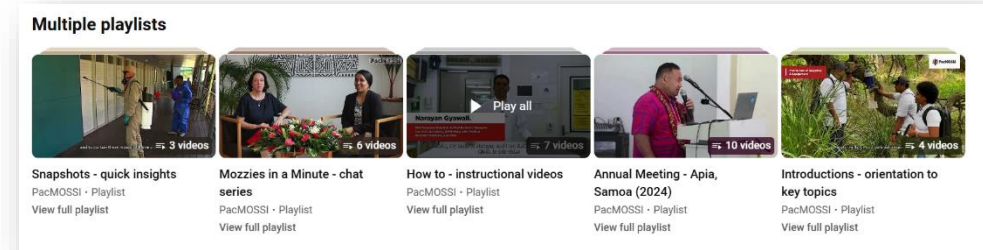
[New website](#)



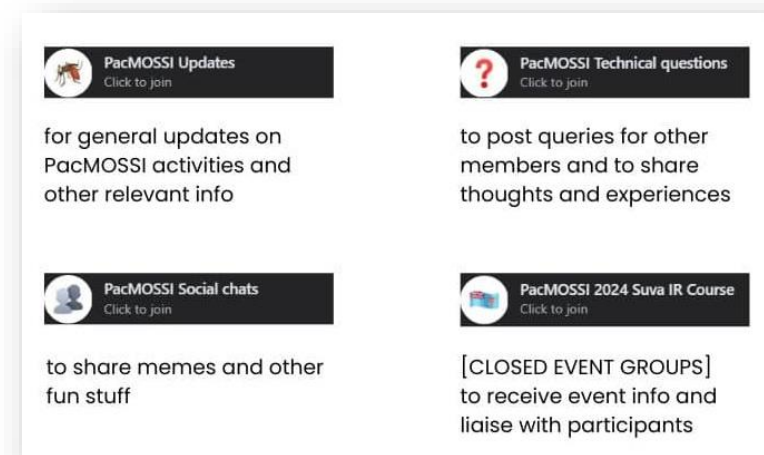
# Recent highlights



New & improved social media presence



Refreshed YouTube channel



New Messenger chat channels



# 2025 key activity overview

Key activity	Details
<b>Online course</b>	Refine content for current 8 modules in 2025. New module on vector control operations in 2025. Planning new module on program management for 2026.
<b>Annual meeting</b>	Online, likely in May or June 2025.
<b>Practical workshop</b>	Location and topic TBD. Likely to be in Q4 2025
<b>Mentoring program</b>	Round 1 ongoing. Round 2 to be launched October 2025.
<b>In-country support</b>	Niue planned. Others by priority need and request.
<b>Surveillance grants</b>	Applications for funding and technical support in 2025.
<b>Technical guidance</b>	Adult ID key published soon. Larval key to be developed.
<b>Data management</b>	Updated vector surveillance forms. New vector control modules. New vector commodities modules.





# Management team

See:  
[www.pacmossi.org/team/](http://www.pacmossi.org/team/)



**PACMOSSI CO-LEAD: STRATEGY & COMMUNICATIONS**

**Dr Tessa Knox**  
Senior Research Fellow



**PACMOSSI CO-LEAD: COUNTRY LIAISON & COORDINATION**

**Dr Amanda Murphy**  
Research Fellow



**PACMOSSI ADMINISTRATOR**

**Ms Sally McDonald**  
Administrative Officer

- Donor liaison & reporting
- Core partner liaison
- SAG coordination
- Training: online course, mentoring, practical workshops
- Technical guidance
- Website, social media

- Country liaison & in-country training
- Core partner liaison
- Surveillance grants, operations research
- Strategic plans, VCNAs, data management
- Annual meeting

- Administration
- Finance
- Legal
- Travel
- Logistics, procurement
- Equipment & supplies



# Technical team



PACMOSSI SECONDARY SUPPORT FOR  
COUNTRY ENQUIRIES

**Dr Salanieta Saketa**  
Senior Epidemiologist



PACMOSSI MENTORING & CAPACITY  
BUILDING COORDINATOR

**Dr Edgar Pollard**  
Consultant



PACMOSSI COMMUNICATIONS  
ASSISTANT

**Ms Elizabeth Habu**  
Consultant



PACMOSSI ADVISOR

**Assoc Prof Tanya Russell**  
Adjunct



PACMOSSI GEDSI ADVISOR

**Prof Maxine Whittaker**  
Consultant



PACMOSSI TECHNICAL EXPERT

**Dr Maru Castellanos**  
Senior Lecturer



PACMOSSI TECHNICAL EXPERT

**Dr Gregor Devine**  
Associate Professor / Group  
Leader QIMRB



PACMOSSI TECHNICAL EXPERT

**Dr Adam Craig**  
Senior Research Fellow UQ



PACMOSSI TECHNICAL EXPERT

**Dr Nicolas Pocquet**  
Head of Medical Entomology IPNC



TECHNICAL EXPERT

**Mr Geoff Fisher**  
Project Manager BES

See:

[www.pacmossi.org/team/](http://www.pacmossi.org/team/)



# Farewell to Tanya

- Words from Tanya
- Words from JCU team
- Words from others



# From Mozzie Queen to Pickleball Princess

There once was a scholar, both fearless and keen,  
Tanya Russell—the mosquito queen!  
She studied the biters in jungles and towns,  
From Africa's plains to Pacific island rounds.

Through Tanzania's forests, where *Anopheles* bite,  
She tracked them by day and trapped them by night.  
In Solomon Islands, where *Aedes* still swarms,  
She battled disease through research and norms.

With PacMOSSI she rallied, a mighty crusade,  
To battle disease with the tools she had made.  
Long sleeves and repellent, her everyday wear,  
Battling mosquitoes with science and with care.





But then one morning, she stopped and she thought,  
“Enough with these mozzies—I’m feeling distraught!  
The funding, the papers, the grants full of woe,  
I think it is time for a brand-new show!”

No more fieldwork, no larvae, no traps in the sun,  
She’d found a new calling—a game much more fun.  
She traded her microscope, data, and stats,  
For pickleball glory—she’s selling top bats!

Now Tanya ships paddles with premium grip,  
For perfect control and a powerful whip.  
ALL over the world—her market is wide,  
From Aussie backyards to the U.S. courtside!



But deep in the tropics, the  
mozzies still ponder,  
*Anopheles* grumbles, "Where's  
Tanya? Is she yonder?"  
*Aedes* just smirks, "She's  
swapped us, my friend—  
For pickleball courts, where her  
troubles will end!"



*AI generated image*



# Hot topic

- Demonstration of Tupaia vector surveillance modules
- For further information, contact Amanda Murphy ([amanda.murphy@jcu.edu.au](mailto:amanda.murphy@jcu.edu.au)) & Geoff Fisher ([geoff@bes.au](mailto:geoff@bes.au))



# Wrap-Up

- Thanks to all those for attending
- “Monthly Buzz” to be held first Thursday of every month
  - Next is 6 March 2025
- Please send suggested ‘hot topics’ to [pacmossi@jcu.edu.au](mailto:pacmossi@jcu.edu.au)

