

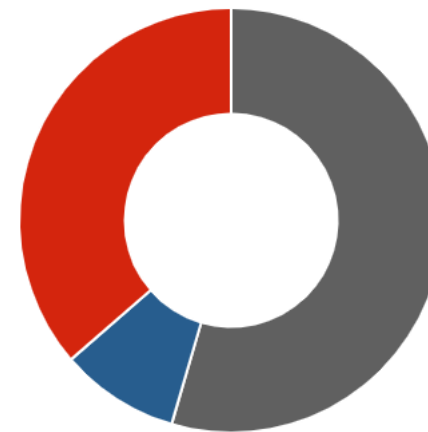
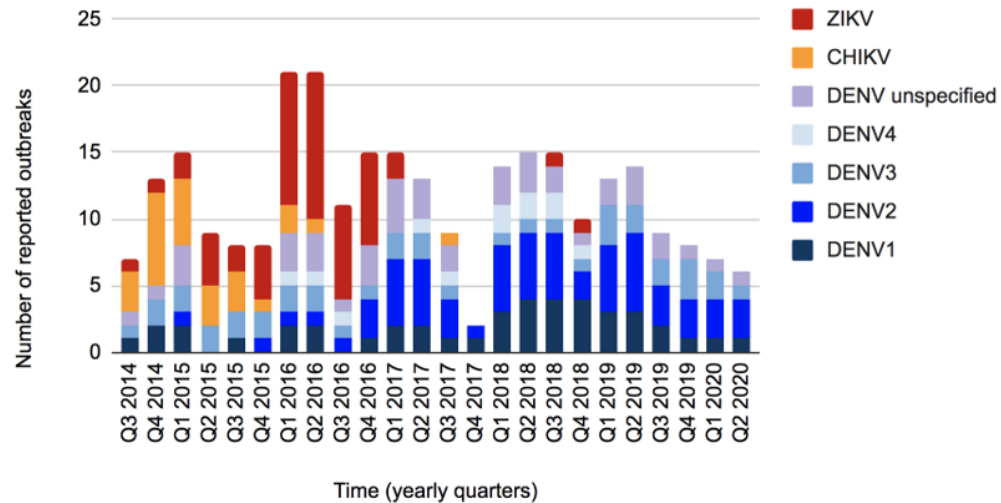
PacMOSSI Citizen Science Project

Dr Adam Craig UNSW,
Sydney

Dr Hugo Bugoro SINU,
Honiara



VDB outbreaks and surveillance across the Pacific





**Citizen science is...the
voluntary involvement of
the public in scientific
research**



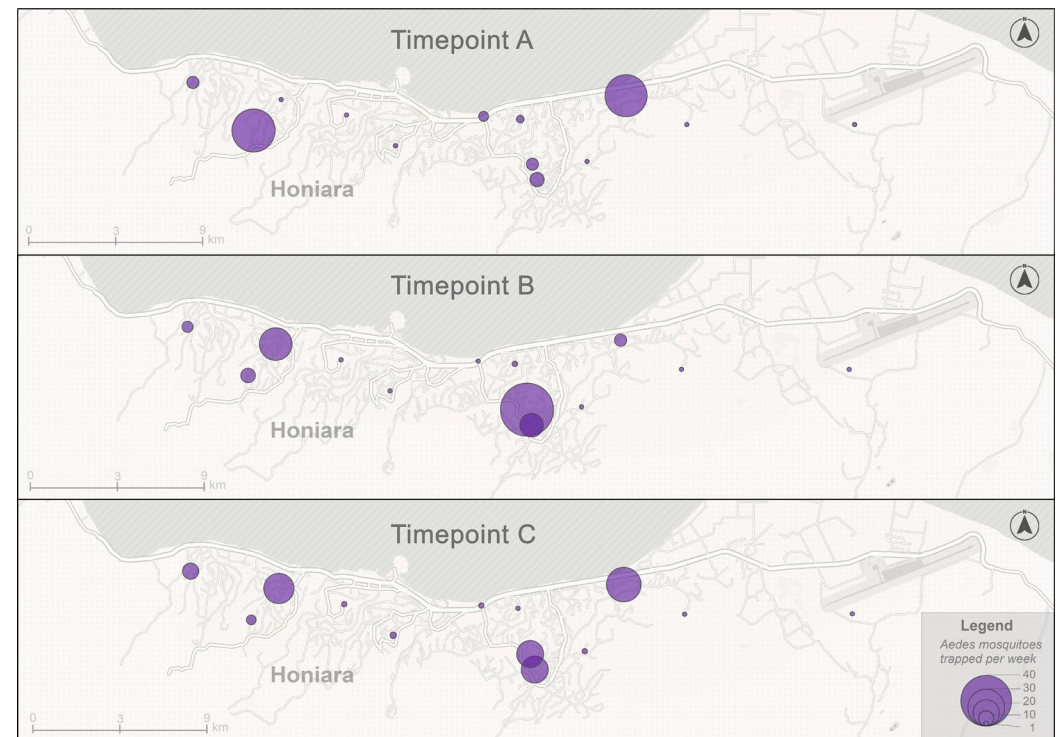
Solomon Islands Citizen Science Initiative

- 13 households recruited
- Trained and equipped
- Participants asked to identify and report mosquito species weekly by SMS for 8 weeks
- Specimens collected and verified by VBD unit



Results

- **Engagement:** data collected for 78.3% (IQR: 28.6–100) of study period
- **Accuracy:** 94% agreement between participant and entomologist's assessment of mosquito
 - 10.7% were mosquitos with disease-carrying potential
- **Experience:** “it was great when we saw we caught more *Aedes* ones, we got the kids out to clean up the yard and empty out the pots so we wouldn't get sick.”

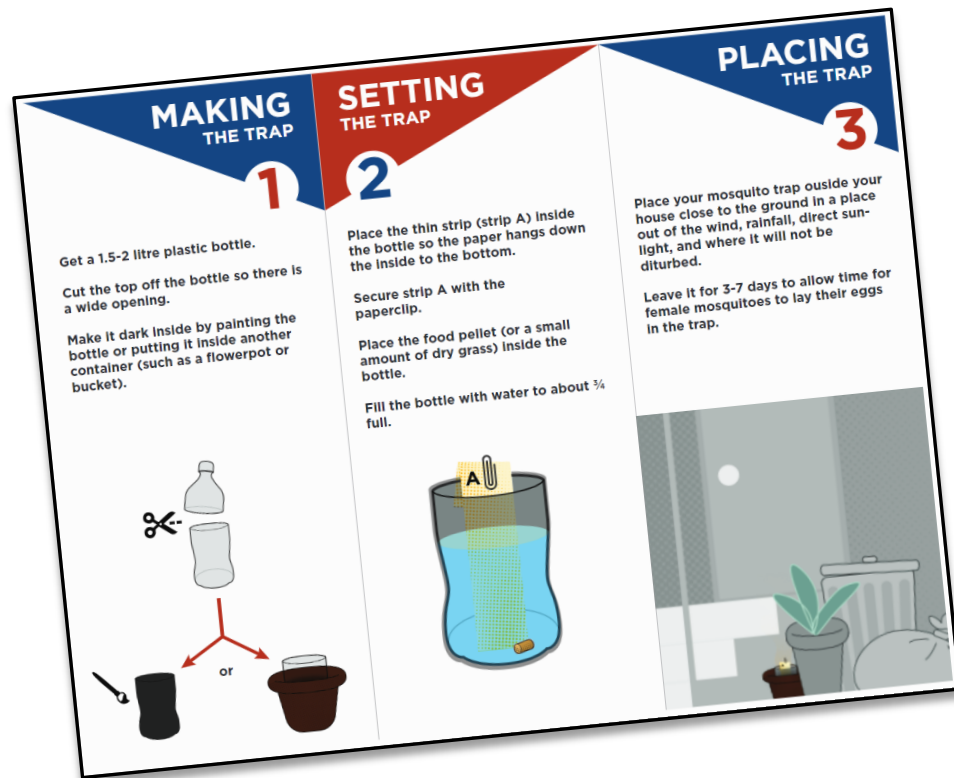


Value

- Allow highly localised data collection at minimal cost
- Allows data collection in locations not easily accessible
- If done periodically, can be used to monitor change over time
- Engages communities for behaviour change
- Builds a network of citizens that can be mobilised in response to outbreak events



PacMOSSI citizen science project



- Planning, training, tech and financial support available
- Customisable to meet local need and context
- Looking to implement in



**If interested in being involved,
contact the PacMOSSI team or
Adam Craig**

pacmossi@jcu.edu.au

adam.craig@unsw.edu.au

