

---

# **Project 4: Share best practices for entomological monitoring and outdoor/ residual transmission across regions**

**Christina Rundi  
Jetsumon Prachumsri  
Michael Macdonald**



# Entomology and Vector Control in Malaria Elimination

Regional Meeting & Workshop

Kasetsart University, Bangkok,  
Thailand; November 7-10, 2016



# Shift entomological surveillance strategy from *control to elimination*

## Capacity-building

- HR and systems, posts training and mentoring

## Risk-area stratification

- Expand and decentralize sampling
- Mosquito identification (voucher specimens)
- Increase use of GIS and Remote Sensing

## Foci investigation/elimination

- Entomology links to epidemiology



# Asia Pacific Malaria Elimination Network



- Network of countries, stakeholders, and partners in the Asia Pacific region
- Committed to working towards regional malaria elimination by 2030
- Platform for collaboration, information exchange, and capacity building
- Founded with 10 countries; now 18 member countries and growing
- Co-Secretariat with the Asia Pacific Malaria Leaders' Alliance (APLMA) in Singapore



<http://apmen.org/>





# ***Mekong Outdoor Malaria Transmission Network***

***sharing best practices for:***

- **entomology**
- **anthropology**
- **protocols for tool development**
- **market size, stability and registration**



## **Project 4: Share best practices for entomological monitoring and outdoor/residual transmission across regions.**

includes collaboration with APMEN for adapting entomological monitoring for malaria elimination and with the Mekong Outdoor Malaria Transmission Network to meet challenges common to Amazonia, Africa, Asia and the Western Pacific

<b>Name of Activity</b>	<b>Time line</b>	<b>Status</b>	<b>Responsible Project manager</b>	<b>Support required</b>	<b>Com-ment</b>
Strengthen <b>vector biology research and VC tool development</b> through best practice exchange and coordinated research agenda		Ongoing	Research partners	Funding	
Enhance integration of <b>anthropological approaches, community participation</b> and engagement		Planned	Implementing partners		
Enhance access to necessary tools and capacity through <b>information exchange and coordinated programming</b>		Ongoing	APMEN VCWG + MOMTN Secretariats		
Address <b>market and regulatory challenges</b> through improved communication with regulators and industry, more market intelligence, and innovative market solutions		Planned	Implementing partners		