



WHOCC virtual training for Entomology:

VIRTUAL TRAINING

on malaria vector surveillance

the guidance for control and elimination

March 1-3, 2023

REGISTER HERE

SCHEDULE

SCHEDULE





"This course is organized jointly by the Faculty of Tropical Medicine, Mahidol University, Bangkok, Thailand, and the World Health Organization Regional Office for South-East Asia Region, New Delhi, India. This training includes online multimedia presentation, virtual laboratory demonstration, online case discussion and experience sharing sessions between experts from the Faculty of Tropical Medicine, Mahidol University as a WHOCC for Case Management, Training and Research on Malaria and participants which will be comprise of Medical Doctors, Nurses and Public Health Personnel from all around the world."

Assoc. Prof. Weerapong Phumratanapapin
Dean, Faculty of Tropical Medicine

What will you achieve ?



Explain the management of uncomplicated and severe malaria in different settings.



Describe the clinical and laboratory diagnosis of uncomplicated and severe malaria.



Define anti-malaria drug resistance and the methods to contain it.



Explain the importance of case management and vector control in eliminating malaria.



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About Course

COURSE OBJECTIVES



To develop an understanding

of connect and major objectives of malaria vector surveillance



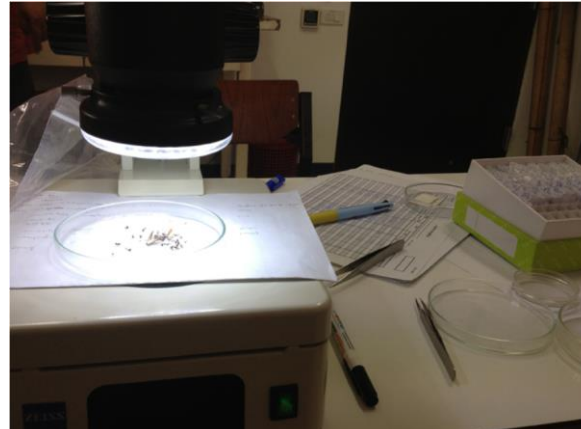
To design and consider

how to apply techniques of vector surveillance for evaluation and monitoring of vector control interventions



To share and address knowledge gaps

on vector surveillance from experience





Vector surveillance concept

patterns/transmission status Importance of vector surveillance to guide vector control in malaria elimination



Mosquito identification

- Mosquito identification: anyone can do? Concept of mosquito identification and usage

- Playing for mosquito malaria vectors identification and data resources. Alternative way for mosquito key identification

- Geometric morphometric for mosquito identification. Rationale to select outline or points for detection/methods/interpretation

- Molecular identification for species complex of malaria vectors. Rationale to select primer for detection/methods/interpretation



Vector control monitoring by vector surveillance

- Vector control monitoring by vector surveillance. Vector community data to monitor control treatment

- Vector surveillance data base for decision making and guidance of vector control and malaria elimination

- Staffing and training for capacity building of vector surveillance



Malaria vector biology

how to relate the malaria transmission? Knowledge on the biology and behavior of Anopheles mosquitoes, understanding how malaria is transmitted and help in designing the appropriate surveillance strategies.



Introduction of vector surveillance

- Introduction of vector surveillance, choices and selection of vector surveillance. Adult mosquito collection methods. Adult/larva sampling/HLC/animal baits/Resting collection/Exit trap collection (ETC)/ sample preservation and transportation

- Transmission intensity: how can we do? Vectorial capacity and evaluation. (Vector incrimination/abundance/feeding rate/age/parity rate/percent infection/biting indices/EIR/vector capacity and external factors

- Data collection and management. Data collection/coding/management.



Sharing and making network

- Sharing and making network, Posttest, summary of training (all lecturers); Feedback from participants

3 days afternoon part



INDIVIDUAL
PARTICIPANT

\$300

ONE TIME PAYMENT

COURSE STRUCTURE

The course is organized by virtual online training version through multimedia presentations and virtual laboratory demonstrations. All participants and lecturers can discuss various topics through the online platform including the Q&A chat box using ZOOM application. Training materials, handouts in the e-form will be handed to all confirmed participants at least 1 week before the start date. Training will be conducted on 1-3 Mar 2023 between 13.00-16.00 hr. in Bangkok, Thailand time. Registered participants will have their username and password to login to this training course. The certificate of attendance will be provided.

[View more](#)

<https://register.malariatraining.org/#>

SEAMEO Grant: 10 scholarships for Non-Thai entomologists
Contact: patchara.sri@mahidol.ac.th