On-line Resource Exchange Network
To support entomology/vector control in the Asia-Pacific Region

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Purpose:

To develop a community of practice of public health entomologists and vector control professionals, dedicated to sharing best practices, skill and career development opportunities, to enhance the contribution of public health entomology in the Asia-Pacific Region.
On-line technical resource exchange

Funding: BMGF and Sumitomo Chemical
1° Target: VBDCs
2° Target: Students and Faculty in Research and Training institutions:

• Australia – 6
• Bangladesh – 2
• Bhutan – 1
• Cambodia – 3
• China – 4
• India – 5
• Indonesia – 5
• Japan – 1
• Lao PDR - 1
• Malaysia – 5
• Myanmar – 3
• Nepal – 2
• Pakistan – 2
• Papua New Guinea – 1
• Philippines – 2
• Sri Lanka – 5
• Solomon Islands – 1
• Thailand – 5
• Vietnam – 5
A community of practice of public health entomologists and vector control professionals dedicated to sharing best practices, skill and career development opportunities to enhance the contribution of public health entomology in the Asia Pacific Region.

- Guidelines and Standard Operating Procedures
- Best Practices: Anopheles and Aedes
- Management, Training and Communications Support

Regional news and notices for meetings and webinars

Spotlight (malaria)

Spotlight (Aedes)

New Member Registration

Membership directory, webinars and discussion groups (password protected)
Element I Guidelines and SOPs

*Improve technical skills for malaria elimination and Aedes surveillance and control*
**Aedes and Anopheles Surveillance**

- Strategies and schedules
- Collection and preservation
- Identification
- Insecticide Resistance-Phenotypic
- *Aedes* surveillance
  - Strategies
  - Traps
  - Information systems
- Human Landing Collections
  (considerations for IRB/REC)
Anopheles and Aedes Control

- Larval Source Management
- Indoor Residual Spraying (Anopheles)
- Long Lasting Insecticidal Nets
- Mosquito Net Retreatment
- Aedes Control
- Targeted Residual Spray (Aedes)
- Pesticide Management
Laboratory Standard Operating Procedures

- Molecular ID
- Parasite/virus detection
- Bloodmeal analysis, age grading
- IR Mechanisms
- Insectary SOPs
Field Studies and Trials, data management and analysis

• WHO and TDR guides
• Field trials of health interventions
• Published reviews
• Basic analysis tools (e.g. Excel, Epi Info)
• Advanced Statistical Analysis (SPSS, SAS)
Element II: Best Practices *Anopheles* and *Aedes*
Best Practices **Anopheles**

- LLIN distribution
- IRS
- Outdoor transmission
  - Anthropology
  - Entomology
  - Product Development
- Larval control
Best Practices Aedes

- Country Case Studies
- Insecticide Resistance
- Surveillance
- Stakeholder
  - Tourism
  - Community/Schools
  - Private Pest Control
Element III: Management, Training and Communication Support
Organizational Review, Program and Project Management

- Organizational Review
  - Vector Control Needs Assessment
  - PMI NMCP Assessment tool
  - Jpiego review and planning guide

- Program Management
  - ACTMalaria MMFO
  - Business management on-line training

- Project Management
  - USAID Global Health Learning Center
Technical training

- Curricula
- Entomology/vector control
- Epidemiology
- Information management, including QGIS
- Disaster management
Element III: Communications Support

- Image Library
- Draft .ppt slides (?)
- PowerPoint training
- Scientific writing
- Cover letters/CV
- Job interview skills
Spotlight (malaria) updated monthly with contributions from members.

Spotlight (Aedes) updated monthly with contributions from members.
Summary:

A community of practice of public health entomologists and vector control professionals, dedicated to sharing best practices, skill and career development opportunities, to enhance the contribution of public health entomology in the Asia-Pacific Region.