



Digital Malaria Information Sharing in Asia



USAID | **ASIA**
FROM THE AMERICAN PEOPLE



By Joseph Yap

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MMDC



- Mekong Malaria Documentation Center
- Started by Dr. Carlo Urbani and established in Hanoi, Vietnam in 2001
- Revitalized and transferred to ACTMalaria custody in 2005 after the report of a needs assessment by David Curtis of Healthlink Worldwide last February 2004. Malaria Consortium commissioned the consultancy.

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DR. CARLO URBANI
1956 - 2003

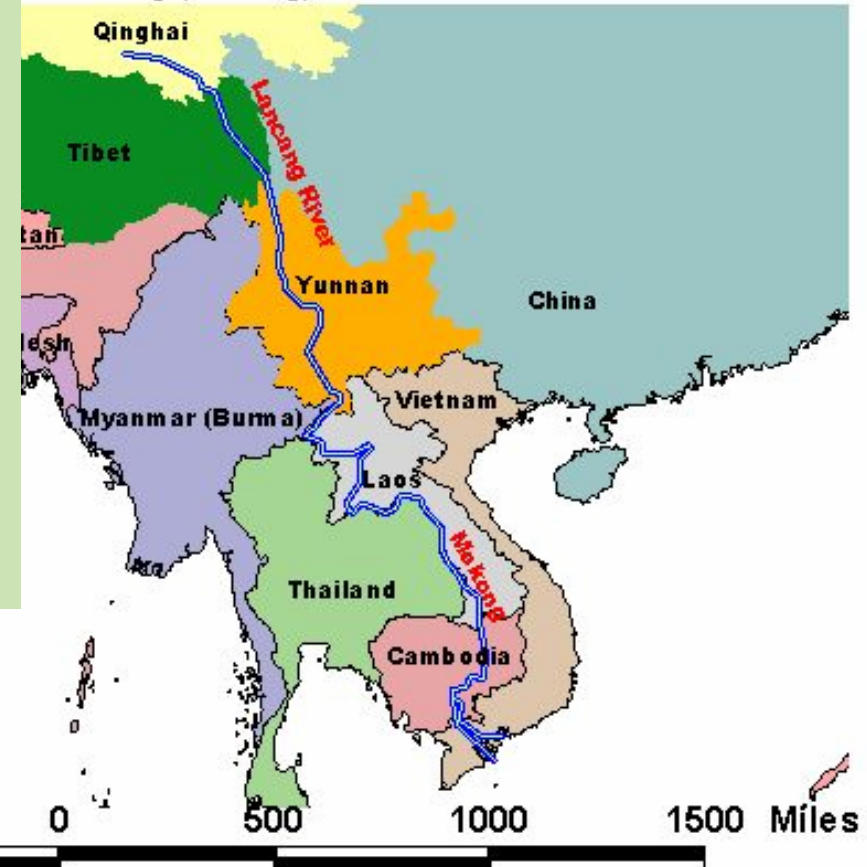
MMDC Role



MMDC was set-up to serve the information needs of malaria professionals in the 6 countries of the Mekong region: Vietnam, Cambodia, Thailand, Laos, Myanmar and China.

An outcome of the EC RMCP and WHO partnership to provide an informal communication tool and openly exchange information among countries involved.

The Lancang (Mekong) River in China and Southeast Asia



AIRC



- ACTMalaria Information Resource Center
- “Your Online Malaria Channel in Asia”



Vision / Mission



Our Vision

To be the one-stop source of online malaria information in Asia

Our Mission

To provide free malaria resources to member countries, partners and stakeholders of malaria in Asia, facilitating dissemination of knowledge and reliable information with focus on drug related studies and research



Aims / Objectives



- (1) Facilitate a venue where countries affected by malaria and other mosquito-borne diseases can share information;
- (2) Make information accessible to users;
- (3) Pool resources from member countries to strengthen information exchange.

- To strengthen information sharing among ACTMalaria member countries and partners;
- To enhance the capabilities of the ACTMalaria Key Contacts for each country or region;
- Expand data gathering to other vector borne and parasitic diseases in addition to malaria and other mosquito borne diseases.

Collection



- Published full-text documents (in English and local language)
- Manuals/Guidelines
- Case studies/Research Proposals
- Unpublished/On-going research
- Photographs
- IEC Materials/ AV Materials

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Database Components

- FOSS
- Linux Cent OS – Platform
- Apache – Software program
- MySQL – Database
- PHP – Scripting language

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Online Records



- Bibliographic Records
- Contacts Records

Type of Record	2007	Sep 2008
Bibliographic	360	1,541
Organizations	13	24
Individuals	92	220
My Library	No data	193
Online Training Subscriptions	No data	6 - new
Uploaded	No data	917
Blogs	63	117
IP Stats	No data	15,142
Download Requests	No data	103

ACTMalaria Information Resource Center: Information Materials on Malaria and other Mosquito-Bor - Windows Internet Explorer pro

http://resource.actmalaria.net/v1/index.php?m=resource&submit_user=Search&search_term=thailand&db=biblio

File Edit View Favorites Tools Help

mywebsearch vch

ACTMalaria Information Resource Center: Informatio...

Norton 360 Fraud monitoring is on

2008-10-10 10:37:22 Login | Sign-up

Resource Center: Bibliographic

Search results for **thailand**.
For more specific or detailed search, please use our [Advanced Search](#).

116 record(s) found. Page: 1 of 5

ID	Title and Description	Views	Reviews
60	<p>Malaria situation in Thailand A document of the situation of malaria and its control in Thailand. It provides a brief and informative insight in the management and control of malaria, drug policies, drug resistance reports, monitoring and evaluation strategies as well as statistical reports in the said country. ... <i>Bureau of Vector Borne Diseases, Dept. of Disease Control Ministry of Health [2003]</i></p> <p>0 Reviews Post a Comment</p>	104	0
83	<p>Management of malaria in Thailand The purpose of this study is to produce a radical cure treatment for uncomplicated malaria by using the combination of Artesunate (4mg/kg/day) plus mefloquine (8mg/kg/day) for 3 days. ... <i>Silachamroon U., Krudsood S., Phophak N., et al [March 2002]</i></p> <p>0 Reviews Post a Comment</p>	76	0
113	<p>Chronicle of malaria epidemics in Thailand, 1980-2000. The occurrence of malaria epidemics in Thailand was reviewed from the malaria surveillance report of the National Malaria Control Program. The literature review revealed that the four epidemic periods recorded during 1980-2000 almost always occurred in the provinces and districts located along international borders. Malaria epidemics are caused by various factors ...</p>	47	0

Inside Resource Center

- The AIRC Vision
- Our Early Beginnings
- How to Use this Site
- News and Activities
- Join our e-Forum!
- Key Partners
- Partner Libraries
- Member Countries
- Useful Links

Search Our Databases

- Bibliographic Database**
Search through our collection of information materials on malaria & other mosquito-borne diseases.

Inside Resource Center

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Search Our Databases

Bibliographic Database
 Search through our collection of information materials on malaria & other mosquito-borne diseases.

- Advanced Search
- Add a Resource Material
- Subjects / Key Topics

Contacts Database
 Find international malaria or

Resource Center: Bibliographic

Malaria situation in Thailand

By: Bureau of Vector Borne Diseases, Dept. of Disease Control Ministry of Health, 2003

Resource ID: **BIB-60** [Add to My Library] [Search Results] [Advanced Search] [User Reviews] [Post a Comment]

A document of the situation of malaria and its control in Thailand. It provides a brief and informative insight in the management and control of malaria, drug policies, drug resistance reports, monitoring and evaluation strategies as well as statistical reports in the said country.

[Request a Copy]
(You must be logged-in to use this feature.)

Share your resource material too! Click [here](#).

Subject/Key Topic	General
Resource Type	Monograph
Keywords	Malaria, drug policy, control program, drug resistance, statistical information, Thailand
Language	English

Journal Information

Publisher's Information (if already published)

Publisher (if any)	Bureau of Vector Borne Disease Department of Disease Control Ministry of Health
Place of Publication	Thailand



Resource Center: [Contacts](#) > [Individuals](#)

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 - Search Our Databases

Search Results using [Advanced Search](#).

Found 1 record(s). Page: 1 of 1

ID	Individuals / Titles / Expertise	Views	Reviews
95	Indra Vythilingam - Malaysia Senior Research Officer / Research, training and management Vythilingam, I, Tan CH, Asmad M, Chan ST, Lee KS, Singh B. Natural transmission of Plasmodium knowlesi to humans by ... Epidemiology of Plasmodium knowlesi in Malaysia ...	1770	0

[0 Reviews](#) | [Post a Comment](#)

Found 1 record(s). Page: 1 of 1

[\[Refresh this Search\]](#) [\[Advanced Search\]](#)

Search for any word or phrase. Individuals

- The AIRC Vision
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- Partner Libraries
- Member Countries
- Useful Links

Indra Vythilingam

Resource ID: **IDV-95** [Add to My Library] [Search Results] [Advanced Search] [User Reviews] [Post a Comment]

Title / Position	Senior Research Officer
Field of Expertise	Research, training and management
Specialization	malaria, entomology
Projects / Research Works	<p>Vythilingam, I, Tan CH, Asmad M, Chan ST, Lee KS, Singh B. Natural transmission of Plasmodium knowlesi to humans by Anopheles latens in Sarawak, Malaysia. Trans Roy Soc Trop Med & Hyg 2006</p> <p>Oli K, Jeffery J, Vythilingam I. A comparative study of adult mosquito trapping using dry ice and yeast generated carbon dioxide. Trop Biomed</p> <p>Published Papers</p> <p>I. Vythilingam, B. Sidavong, Chan ST, T. Phonemixay, S. Phompida, J. Jeffery. 2006 Species composition of mosquitoes (Diptera: Culicidae) of Attapeu province, Lao PDR. Journal of American Mosquito Association. 22:140-143.</p> <p>*****</p> <p>I. Vythilingam, Sidavong B, Chan ST, Phonemixay T, Vanisaveth V, Sidoulad P, Phetsouvanh R, Lokman Hakim S & Phompida S. 2005. Epidemiology of malaria in Attapeu province Lao PDR in relation to entomological parameters. Transactions of the Royal Society of Tropical Medicine and Hygiene. 99: 833-839.</p> <p>I. Vythilingam, Chan ST, Tanrang Y, Shanmugaratnam, Chooi KH. 2005. The impact of development and malaria control activities on its vectors in the Kinabatangan area of Sabah, East Malaysia. Acta Tropica. 96: 24-30.</p>

Search Our Databases

Bibliographic Database
Search through our collection of information materials on malaria & other mosquito-borne diseases.

- Advanced Search
- Add a Resource Material
- Subjects / Key Topics

Contacts Database
Find international malaria or other health organizations, doctors, professionals, etc.

- Advanced Search
- Add an Organization

AIRC Databases



Types of Databases

- Bibliographic Database
- Contacts Database

Main Parts of the Database

- About the Resource Center
- Sharing a Resource
- My Library

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Parts of the Database

The screenshot shows a Windows Internet Explorer browser window displaying the ACTMalaria Information Resource Center website. The browser's address bar shows the URL: http://resource.actmalaria.net/v1/index.php?m=resource&db=individual&entry_id=95&submit_user=Details&search_term=. The browser's menu bar includes File, Edit, View, Favorites, Tools, and Help. The toolbar contains various icons for search, bookmarks, settings, and social media. The website header features the USAID ASIA logo, the text "Supported by: USAID | ASIA FROM THE AMERICAN PEOPLE", and the main title "THE ACTMALARIA INFORMATION Resource Center". The navigation menu includes Home, About our Resource Center, Resource Center (highlighted), Share a Resource, My Library, and Contact Us. The footer shows the date and time "2008-10-10 10:39:55" and links for "Login" and "Sign-up".

Database Searching



- Go to the website:
<http://resource.actmalaria.net>
- Enter the term or phrase you intend to find;
- Click search;
- Searching can either be simple or advance;
- Results will be displayed alphabetically.

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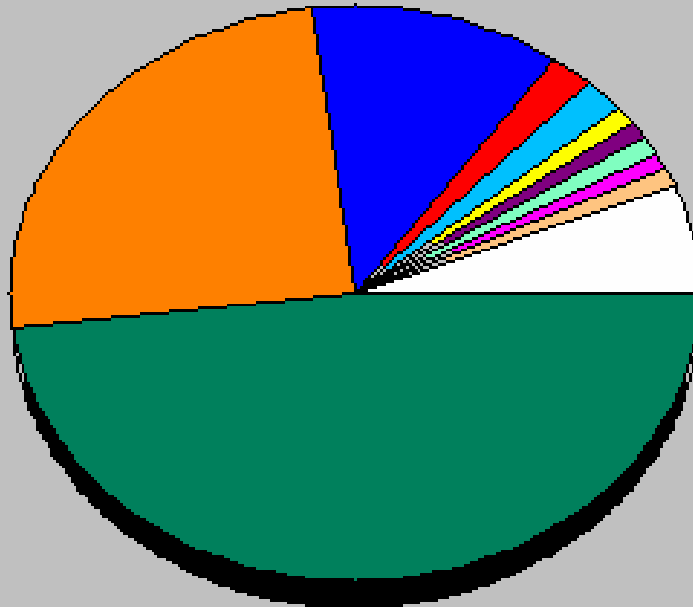
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Average Users



- We have an average of 85 online hits per hour and a maximum of 2,923 per day.

Usage by Country for September 2008



US Commercial (48%)
Unresolved/Unknown (25%)
Network (12%)
Indonesia (2%)
India (2%)
US Educational (1%)
Viet Nam (1%)
Philippines (1%)
Australia (1%)
Non-Profit Organization (1%)
Other (6%)

Resource Sharing: Downloading and Uploading



- Go to the website:

<http://resource.actmalaria.net>



- Download the AIRC manual for overview.
- Requests (downloads) and sharing (uploads) can only be provided once you became a member and should be logged-in.
- Blogs can be posted even if not a member.



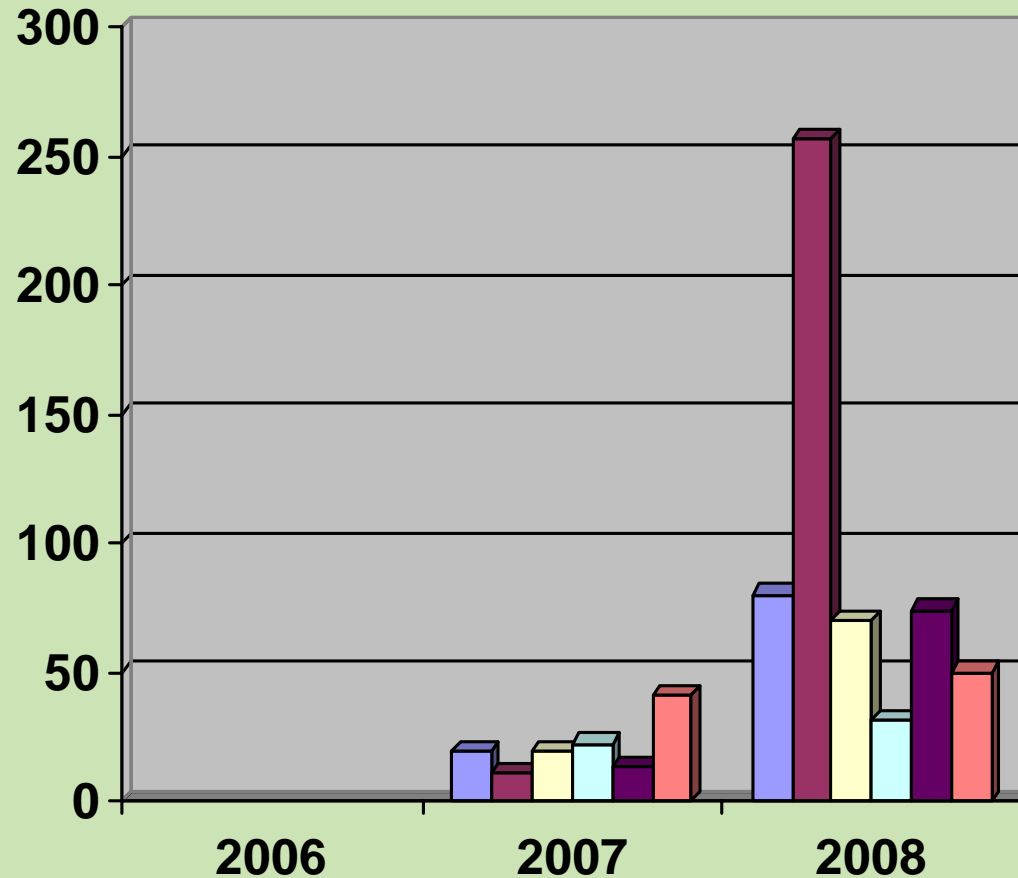
Collaborative Sharing: Partner Libraries



- Collaboration from Seven Libraries and Institutions



Contributions by Country



- Cambodia
- China
- Laos
- Thailand
- Philippines
- Vietnam



Roles of Librarians



- They classify and index malaria documents from their institution;
- They scan snippets of the material;
- They provide the metadata and abstract of the material;
- They upload and submit scanned materials using ACTMalaria OMS; and
- They attend to succeeding queries of AIRC.

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Roles of Editors

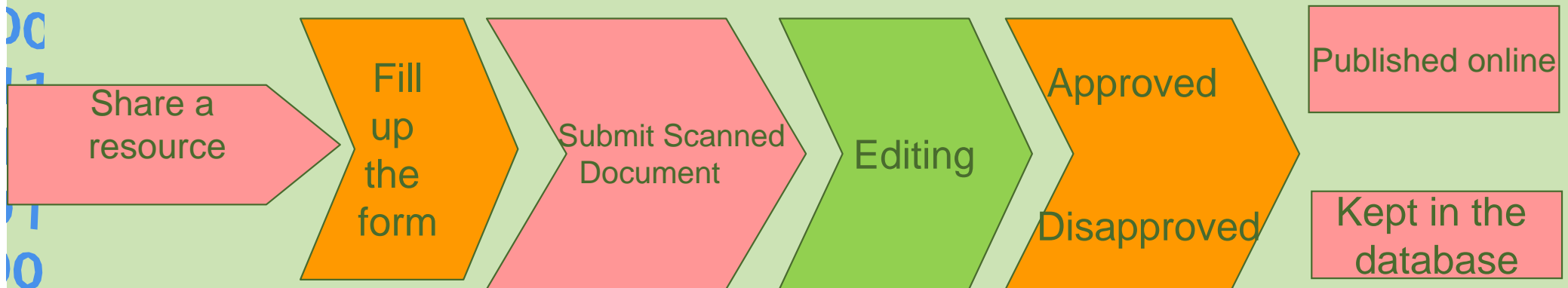


- They validate and check the accuracy of encoded metadata provided by the librarian;
- They check if the attached scanned document corresponds with the metadata;
- They input the necessary keywords based from the document; and
- They check the spelling and grammar of the abstract.



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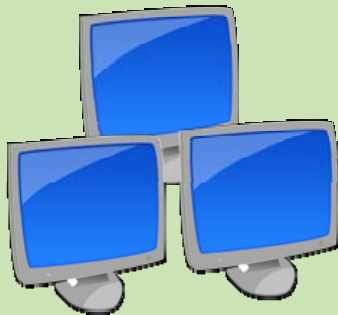
Flow of Transactions



Published online

Download or Request for a material

Viewed online



Future



- Increased Partnership
- Adopt-a-library Program
- Donations/ Grants
- Database Management Development
- Database Trainings/ Advocacy
- Information Literacy Programs

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Conclusions



AIRC is indeed, still, in its infancy stage.

Continued database management including the evaluation of user interface, database architecture and infrastructure should be implemented.

Collection management should also be instigated.

Finally, sustainability from funding institutions is necessary to continue this superb project.

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References



- Curtis, David. Mekong Malaria Documentation Center: report of a needs assessment. Healthlink Worldwide: London, UK. February 2004.
- Thimasarn, Krongthong. A strategic framework for rolling back malaria in the Mekong Region. RBM: Bangkok, Thailand. February 2003.
- Yap, Joseph. Resource sharing and communication: serving the needs of the malaria clientele. *Journal of Malaria and Parasite Diseases Control* 2008; Special edition: 68.

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THE ACTMALARIA INFORMATION *Resource Center*

Home About our Resource Center Resource Center Share a Resource My Library Contact Us

2007-10-22 08:51:41 Login

Inside Resource Center

- Our Early Beginnings
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Search Our Databases

Bibliographic Database
Search through our collection of information materials on

Welcome to ACTMalaria Information Resource Center

The ACTMalaria Information Resource Center aims to make information resources accessible to its users. Users need not... Its purpose is to facilitate a venue where countries affected by malaria and other mosquito-borne diseases can share information and best practices on how to address these issues. It also provides a source for reliable and timely information.

The database is designed to compile a comprehensive list of information related to malaria and other mosquito-borne diseases. It provides a central location of the material. The database will list information on how to access the material. The database will provide the information on how to access the material. The database will provide the information on how to access the material.

If individuals or institutions wish to share their resources but do not have websites to do so then they may opt to submit their material to the Resource Center whether in soft or

The Life Cycle of the Malaria Parasite
Courtesy of Wellcome Trust

Thank you for your attention.

<http://resource.actmalaria.net>