

**International Training Course on MeREM
- Training Course in Bio-Geoinformatics -
13 - 18 March 2006
Geoinformatics Center (GIC), Asian Institute of Technology
Bangkok, Thailand**



**Organized by
MeREM (Mekong River Ecosystem Monitoring Project)
NIES (National Institute for Environmental Studies)**

Program

Sun. 12 Mar. Registration

Mon. 13 Mar. Training course

8:45-9:00

Opening Ceremony

Opening Address: Dr. Toshiaki Ichinose, *NIES*

Opening Remarks: Dr. Lal Samarakoon, *AIT*

Group Photo

9:00 - 17:00

Training (See attached training schedule for detail)

17:30 - 18:00

Discussions

18:30 - 20:30

Reception

Tue. 14 Mar. Training course

9:00 - 17:00

Training (See attached training schedule for detail)

Wed. 15 Mar. Training course

9:00 - 17:00

Training (See attached training schedule for detail)

Thu. 16 Mar. Training course

9:00 - 17:00

Training (See attached training schedule for detail)

Fri. 17 Mar. Training course

9:00 - 17:00

Training (See attached training schedule for detail)

18:00- 20:00

Banquet and Certificate distribution

Sat. 18 Mar. Summary and Discussion (Chairperson: Dr.Toshiaki Ichinose, *NIES*)

9:00 - 9:05

Opening remarks: Dr.Toshiaki Ichinose, *NIES*

Lecture

9:05 - 9:35

"KLIMAATLAS", an application of GIS to environmental planning

Dr. Toshiaki Ichinose, *NIES*

9:35 - 9:50

Introduction of practical site for downloading spatial information data

Dr. Kumi Kataoka, *NIES*

9:50 - 10:00

Tea Break

Program (continued)

Discussion for future requirement (5mins presentation & 5mins discussion)

- 10:00 - 10:10 Dr. Lin Li (R.P.China)
Institute of Hydrobiology, The Chinese Academy of Sciences
- 10:10 - 10:20 Ms. Yan Zhang (R.P.China) *Yunnan Environmental Monitoring Center*
- 10:20 - 10:30 Mr. Phouthone Kingsada (Lao P.D.R)
Biology Department, Faculty of Science; NUOL, Dongdok Campus, Vientiane- Laos
- 10:30 - 10:40 Ms. Manichanh Nammanivong (Lao P.D.R)
Biology Department, Faculty of Science; NUOL, Dongdok Campus, Vientiane- Laos
- 10:40 - 10:50 Mr. Piseth Khiev (Cambodia) *Royal University of Phnom Penh*
- 10:50 - 11:00 Mr. Phorn Thou (Cambodia) *Royal University of Phnom Penh*
- 11:00 - 11:10 *Tea break*
- 11:10 - 11:20 Dr. Ngoc Ut Vu (Vietnam)
Department of Hydrobiology College of Aquaculture and Fisheries, Can Tho University
- 11:20 - 11:30 Mr. Thanh Son Nguyen (Vietnam)
Agriculture and Natural Resources Management, An Giang University
- 11:30 - 11:40 Mr. Jessada Techamahasaranont (Thailand)
Natural Resources and Agro-Industry, Kasetsart University
- 11:40 - 11:50 Ms. Siriwan Suksri (Thailand)
Inland Fishies Research and Development, Department of Fisheries

Closing Address

- 11:50 - 12:00 Summary and Closing Address: Dr.Toshiaki Ichinose, *NIES*

Training schedule

Training Course in Bio-Geoinformatics				
13-17 March, 2006				
Monday 13-Mar	Tuesday 14-Mar	Wednesday 15-Mar	Thursday 16-Mar	Friday 17-Mar
9:00-12:00	9:00-12:00	9:00-12:00	9:00-12:00	9:00-12:00
8:45-9:00 Opening Ceremony 9:00-10:00 Introduction to GIS Dr. Shrestha	9:00 - 10:00 Introduction to Remote Sensing Dr. Manzul	9:00 - 10:00 Raster Analysis Ms. Nah/Ms. Aleinmarch	9:00 - 10:00 TIN/DEM Modeling Dr. Lal	9:00 - 10:00 Hands-on Cartography: Map Making & Printing Mr. Manawadu
10:00-10:30 Tea Break				
10.30-12.00 Continue Dr. Shrestha	10.30-12.00 Continue Dr. Manzul	10.30-12.00 Raster Analysis Grid modeling, interpretation, vector to raster conversion Ms. Nah/Ms. Aleinmarch	10.30-12.00 Hands-on: TIN/DEM Creation Ms. Nah/Ms. Aleinmarch	10.30-12.00 Case Study Applications of GIS Ms. Nah
12:00-13:30 Lunch Break				
13:30-17:00	13:30-17:00	13:30-17:00	13:30-17:00	13:30-17:00
13.30-14.30 Introduction to ArcView Ms. Thip/Mr. Manawadu	13.30-14.30 Vector Analysis Ms. Thip/Mr. Manawadu	13.30-14.30 Case Study An applications for wildlife habitat mapping Dr. Yongut	13.30-14.30 GPS and its Working Principles Mr. Thilantha	13.30-14.30 Case Study Applications of GIS Ms. Nah/Ms. Aleinmarch
TEA BREAK 14:30 - 15:00				
15:00-17:00 GIS Data Creation and Data Management Create spatial data and attribute, Table Editing, Querying, etc. Ms. Thip/Mr. Manawadu	15:00-17:00 Hands on Vector Analysis Union, Intersection, table editing etc. Ms. Thip/Mr. Manawadu	15:00-17:00 Hands-on: Continue Dr. Yongut	15:00-17:00 Hands on Demonstration of GPS Mr. Thilantha	15:00-17:00 Case Study Applications of GIS Ms. Nah/Ms. Aleinmarch