



Elephant Conservation Network

Activity Report



GIS In-house Training for ECN staff Course 1: Introduction to GIS

To address one of the most obvious weaknesses of the ECN team – its inability to process GIS data in-house – we organised an introductory 4-day training course in Thai that was taught by Dr. Yongyuth Trisurat, a GIS specialist at the Faculty of Forestry, Kasetsart University. Mr Uthai Dechyosdee, an MSc student of Dr Yongyut, assisted.

Dates: Monday 29 January – Thursday 1 February 2007
Location : ECN office, Kanchanaburi, Thailand
Participants: Ms. Jittin Ritthirat
Ms. Nattakaan (Mem) Thammaphuy
Mr. Ponlakrit (Krit) Pongnet
Mr. Satit (Mon) Khanacharoen

The Programme

Mon 29 Jan	0830-0900	The training's objective and the training's content.
	0900-1030	Introduction to map and UTM coordinates
	1030-1045	<i>Break</i>
	1045-1200	Map Ratios
	1200-1300	<i>Lunch</i>
	1300-1430	Learn to mark UTM with GPS
	1430-1445	<i>Break</i>
	1445-1630	Practice marking and reading UTM coordinates
Tue 30 Jan	0830-1030	Introduction to Geographic Information System (GIS)
	1030-1045	<i>Break</i>
	1045-1200	Introduction to GIS (continued)
	1200-1300	<i>Lunch</i>
	1300-1430	Introduction to GIS-Arcview 3.3
	1430-1445	<i>Break</i>
	1445-1630	GIS data display
Wed 31 Jan	0830-1030	GIS data query
	1030-1045	<i>Break</i>
	1045-1200	Practice GIS data query
	1200-1300	<i>Lunch</i>
	1300-1430	Data query by Select by Theme function
	1430-1445	<i>Break</i>
	1445-1630	Downloading UTM coordinates to Arc View programme
Thurs 1 Feb	0830-1030	Alter and create GIS database table
	1030-1045	<i>Break</i>
	1045-1200	GPS location and point by Arc View
	1200-1300	<i>Lunch</i>
	1300-1430	Maps created by Arc View
	1430-1445	<i>Break</i>
	1445-1600	Conclusion

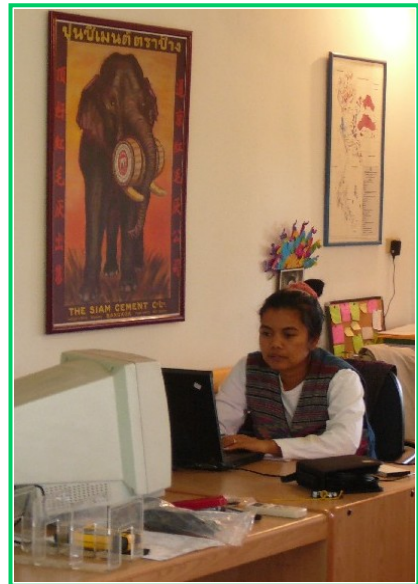
Photographic Record



Dr Yongyut using LCD projector



Jittin following on-screen



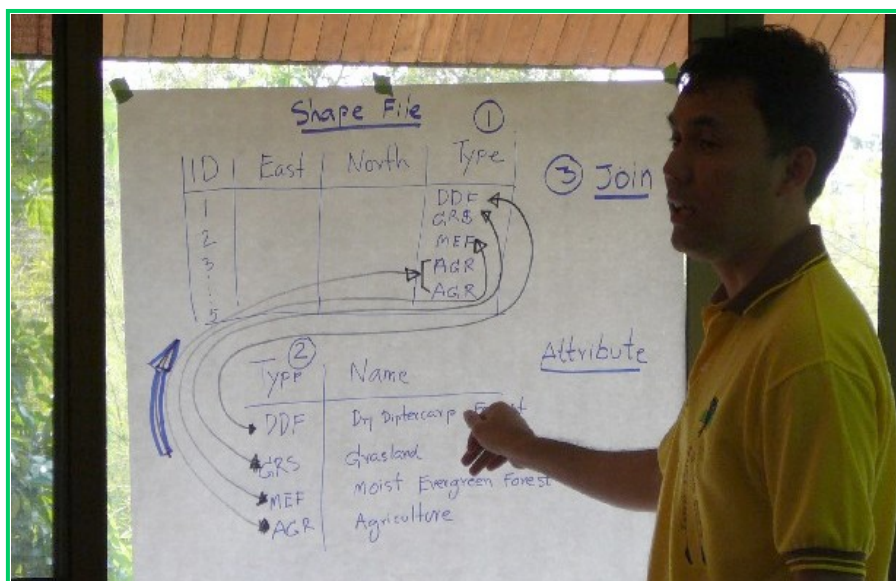
Jittin practicing - the star pupil



Mon, Jittin, Mem and Uthai listening hard



Mon, Uthai, Krit and Mem practicing on the PC's



Dr Yongyut explaining GIS terminology and coding

Shape File

ID	East	North	Type
1			DDF
2			GRS
3			MEF
...			AGR
5			AGR

③ Join

②

Type	Name	Attribute
DDF	Dry Dipterocarp Forest	
GRS	Grassland	
MEF	Moist Evergreen forest	
AGR	Agriculture	