

**Trainers' Training on Geographic Information System (GIS) Application for Disaster Risk Reduction (DRR) and Climate Change Adaptation**

Time	Day 1	Lecturers	Lab	Day 2	Lecturer	Lab	Day 3	Lecturers	Lab
Batch 1	<b>February 15, 2010</b>			<b>February 16, 2010</b>			<b>February 17, 2010</b>		
Batch 2	<b>March 1, 2010</b>			<b>March 2, 2010</b>			<b>March 3, 2010</b>		
Batch 3	<b>April 5, 2010</b>			<b>April 6, 2010</b>			<b>April 7, 2010</b>		
Batch 4	<b>April 19, 2010</b>			<b>April 20, 2010</b>			<b>April 21, 2010</b>		
Batch 5	<b>May 17, 2010</b>			<b>May 18, 2010</b>			<b>May 19, 2010</b>		
08:00 – 10:00	Overview of hazards and climate change	Dr. Solidum (PHIVOLCS)		GIS Data Sources, Data Types and Representation (Lecture)	JVB		GIS Data Input Methods and Techniques (lecture)	DANO	
10:00 – 10:15	Coffee Break			Coffee Break			Coffee Break		
10:15 - 11:15	Guidelines for Mainstreaming DRR & CCA for Planning	RDSCS		GIS Data Conversion Methods and Techniques (Laboratory)		JVB and AMJC	Creating and Editing Map Layers		DANO and JAP
11:15 - 12:15									
12:15 – 13:00	LUNCH BREAK			LUNCH BREAK			LUNCH BREAK		
13:00 – 14:00	Overview and Fundamentals of GIS (Lecture)	FAG		Cartography and Map Projections in GIS (Lecture)	JAP		GIS Data Management (lecture)	MLD	
14:00 – 15:00									
15:00 – 15:15	Coffee Break			Coffee Break			Coffee Break		
15:15 - 16:15	Software Familiarization Exercise (Laboratory)		FAG & JLPA	Georeferencing & Creating Map Layouts (Laboratory)		JAP & DANO	Basic Table Operations and Query (Laboratory)		MLD & LPB
16:15 – 17:15									

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Time	Day 4	Lecturers	Lab	Day 5	Lecturers	Lab	Field Trip (Sat)	Day 6	Lecturers
Batch 1	<b>February 18, 2010</b>			<b>February 19, 2010</b>			<b>February 20, 2010</b>	<b>February 22, 2010</b>	
Batch 2	<b>March 4, 2010</b>			<b>March 5, 2010</b>			<b>March 6, 2010</b>	<b>March 8, 2010</b>	
Batch 3	<b>April 8, 2010</b>			<b>April 9, 2010</b>			<b>April 10, 2010</b>	<b>April 12, 2010</b>	
Batch 4	<b>April 22, 2010</b>			<b>April 23, 2010</b>			<b>April 24, 2010</b>	<b>April 26, 2010</b>	
Batch 5	<b>May 20, 2010</b>			<b>May 21, 2010</b>			<b>May 22, 2010</b>	<b>May 24, 2010</b>	
08:00 – 10:00	Spatial Data Analysis (lecture)	AMJC		Creating and Accessing Maps using uDig (Laboratory)		JMB & ROP	GPS Navigation and Wayfinding (1)	GPS Data Integration to GIS Mapping (Laboratory)	
10:00 – 10:15	Coffee Break								
10:15 - 11:15	Spatial Data Analysis - Vector (laboratory)		AMJC & JVB	Web Mapping and Common Application (Lecture)	JMB	*include intro to GeoServer	GPS Navigation and Wayfinding (2)	GIS for Physical Framework and Development planning (Lecture)	LPB
11:15 - 12:15									
12:15 – 13:00									
13:00 – 14:00	Spatial Data Analysis - Raster (laboratory)		AMJC & JVB	Creating Web Map Application (Laboratory)		JMB and ROP	Disaster Damage Mapping (1)	Generation of Analytical Maps (Laboratory)	
14:00 – 15:00									
15:00 – 15:15									
15:15 - 16:15	Free and Open Source (FOSS) GIS	JMB	*include intro to uDig	Introduction to GPS and Mapping Techniques (Lecture)	VGD/ROP		Disaster Damage Mapping (2)	GIS Analysis in Physical Framework Planning (Lecture)	OTM
16:15 – 17:15									

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Lab	Time	Day 7	Lecturers	Lab	Day 8	Lecturers	Lab	Day 9	Lecturers
	Batch 1	<b>February 23, 2010</b>			<b>February 24, 2010</b>			<b>February 25, 2010</b>	
	Batch 2	<b>March 9, 2010</b>			<b>March 10, 2010</b>			<b>March 11, 2010</b>	
	Batch 3	<b>April 13, 2010</b>			<b>April 14, 2010</b>			<b>April 15, 2010</b>	
	Batch 4	<b>April 27, 2010</b>			<b>April 28, 2010</b>			<b>April 29, 2010</b>	
	Batch 5	<b>May 25, 2010</b>			<b>May 26, 2010</b>			<b>May 27, 2010</b>	
VGD & ROP	08:00 – 10:00	NEDA: Introduction to DRA	Dr. Tanhueco		Initial Settlements Growth and Protection Map for Physical Framework Plan Development (Laboratory)		OTM & LPB	Implementing the UNDP-NEDA DRR Project Risk Management Methodology in GIS (laboratory)	
	10:00 – 10:15								
	10:15 - 11:15	NEDA: Introduction to DRA	Dr. Tanhueco		Data Requirements for GIS-based Disaster Risk Management (DRR) Lecture	ECP/ACB		Analysis and Reporting GIS-based DRR Results (lecture)	ECP/ACB
	11:15 - 12:15								
	12:15 – 13:00								
OTM & LPB	13:00 – 14:00	NEDA: Introduction to DRA	Dr. Tanhueco		Data Preparation for Disaster Risk Reduction (Laboratory)		ACB & ECP	Interpretation and Analysis of GIS-based DRR Results (laboratory)	
	14:00 – 15:00								
	15:00 – 15:15								
	15:15 - 16:15	NEDA: Introduction to DRA	Dr. Tanhueco		Implementing the UNDP-NEDA DRR Project Risk Management Methodology in GIS (lecture)	ECP/ACB		Mapping and Presentation of GIS-based DRR Results (laboratory)	
	16:15 – 17:15								

**Trainers' Training on Geographic Information System (GIS) Application for Disaster Risk Reduction (DRR) and Climate Change Adaptation**

Lab	Time	Day 10	Lecturers	Lab
	Batch 1	<b>February 26, 2010</b>		
	Batch 2	<b>March 12, 2010</b>		
	Batch 3	<b>April 16, 2010</b>		
	Batch 4	<b>April 30, 2010</b>		
	Batch 5	<b>May 28, 2010</b>		
ACB & ECP	08:00 – 10:00	NEDA: Integration of DRA results and vulnerability analysis into plans	Dir. Leon Dacanay	
	10:00 – 10:15			
	10:15 - 11:15	NEDA: Integration of DRA results and vulnerability analysis into plans	Dir. Leon Dacanay	
	11:15 - 12:15			
	12:15 – 13:00			
ACB & ECP	13:00 – 14:00	NEDA: Towards an integrated DRR and CCA enhancement	Dr. Tio	
	14:00 – 15:00			
	15:00 – 15:15			
ACB & ECP	15:15 - 16:15	NEDA: Towards an integrated DRR and CCA enhancement	Dr. Tio	
	16:15 – 17:15			

