

An Introductory Course in Environmental and Natural Resource Economics

AIT, Bangkok, Thailand,

5th May - 22nd May, 2008

Timetable - Week 1

Day	0	1	2	3	4	5	6
Time	Sun 4-May	Mon 5-May-08	Tue 6-May	Wed 7-May	Thu 8-May	Fri 9-May	Sat 10-May
		1	5	9	13	17	
9:00-10:30	Arrival of Participants	Welcome & Intro. and Math/Micro Review - Calculus, Differentiation and Integration	Basic Differential Calculus	Elements of Welfare Economics	Exhaustible Resources (contd.)	Forestry	Free Day
		PS/TC	TC	RNB	RNB	RNB	
10:30		<i>Coffee Break</i>					
		2	6	10	14	18	
11:00-12:30		Unconstrained Optimization	Continuous time dynamic optimization	Elements of Welfare Economics (contd.)	Renewable resources - Fisheries	Poverty and NRM	
		TC	TC	RNB	RNB	PS	
12:30		<i>Lunch Break</i>					
1:30-2:00		<i>Discussion time for research projects (RNB/TC/PS)</i>					
		3	7	11	15	19	
2:00-3:30		Constrained Optimization	Assignment 2: optimization	Project Preparation Guidelines	Assignment 3: Numerical Exhaustible Resources	Empirical Paper Presentation	
	TC	TC	PS	TC			
3:30	<i>Tea Break</i>						
	4	8	12	16	20		
4:00-5:30	Assignment 1: Math review	Assignment 2: Discussion	Exhaustible Resources	Fisheries (contd.)	Assignment 4: Forestry		
	TC	TC	RNB	RNB	RNB/TC/PS		

RNB: RN Bhattacharya, TC: Tanzir Chowdhury, PS: Priya Shyamsundar

An Introductory Course in Environmental and Natural Resource Economics

AIT, Bangkok, Thailand,
5th May - 22nd May, 2008

Timetable Week 2

Day	7	8	9	10	11	12
Time	Sun 11-May 21	Mon 12-May 25	Tue 13-May 29	Wed 14-May 33	Thu 15-May 37	Fri 16-May
9:00-10:30	Market Failures: Public Goods and Externalities	Non-Market Valuation and CBA	Productivity Changes and Valuing Health Impacts	Stated Preference	Game Theory	Free Day
	EH	EH	EH	EH	PD	
10:30	<i>Coffee Break</i>					
	22	26	30	34	38	
11:00-12:30	Addressing Pollution Problems: Taxes, Fees and Charges	Valuing Demand for Natural Areas: Islamabad Case Study	Health Impact - Case Studies	Hedonic Price Models	Game Theory	
	EH	EH	PS	EH	PD	
12:30	<i>Lunch Break</i>					
1:30-2:00	<i>Discussion time for research projects (TC/EH/PM/PS))</i>					
	23	27	31	35	39	
2:00-3:30	Assignment 5: TDP Game	Assignment 6: Travel Cost	Assignment 7: Estimating Health Costs	Assignment 8: CBA	Land Use Changes and CPR Reforms in Goa	
	TC/EH	TC/PM	TC/PM	TC/PM	PM	
3:30	<i>Tea Break</i>					
	24	28	32	36	40	
4:00-5:30	Empirical Paper Presentation	Empirical Paper Presentation	Empirical Paper Presentation	Empirical Paper Presentation	Empirical Paper Presentation	
	TC/EH	TC/PM	TC/PM	TC/PM	TC/PM	

TC: Tanzir Chowdhury, EH: Enamul Haque, PD: Partha Dasgupta, PM: Pranab Mukhopadhyay, PS: Priya Shyamsundar

An Introductory Course in Environmental and Natural Resource Economics

AIT, Bangkok, Thailand

5th May - 22nd May, 2008

Timetable Week 3

Day	13	14	15	16	17	18
Time	Sat 17-May	Sun 18-May	Mon 19-May	Tue 20-May	Wed 21-May	Thurs 22-May
	41	45	49	53	57	61
9:00-10:30	Wealth and sustainable development	Shaeffer models and extensions	Willingness to pay for Marine Turtle Conservation-- A Cross	Accounting price for resilience	Project Presentation	Project Presentation
	KGM	KGM	ONS	KGM	KGM/EH/PM/PS	KGM/EH/PM/PS
10:30	Coffee Break					
	42	46	50	54	58	62
11:00-12:30	Estimation of accounting prices of ecosystems	Plaice and Beverton Holt models	Climate Change: Watershed and River basin management	Accounting price for resilience	Project Presentation	Project Presentation
	KGM	KGM	JR	KGM	KGM/EH/PM/PS	KGM/EH/PM/PS
12:30 - 1:30	Lunch Break					
1:30-2:00	<i>Discussion time for research projects (KGM/EH/PM/PS) / EVALUATION</i>					
	43	47	51	55	59	63
2:00-3:30	CPR	Climate Change	Non convex dynamics in ecosystems	Project Preparation	Project Presentation	Project Presentation
	PD	PD	KGM		KGM/EH/PM/PS	KGM/EH/PM/PS
3:30	Coffee Break					
	44	48	52	56	60	64
4:00-5:30	CPR (Contd)	Climate change (Contd)	Forestry: Classical models and non convex models	Project Preparation	Project Presentation	Evaluation
	PD	PD	KGM		KGM/EH/PM/PS	KGM/EH/PM/PS

EH: Enamul Haque, PD: Partha Dasgupta, KGM: Karl Goran Maler, PM: Pranab Mukhopadhyay, PS: Priya Shyamsundar, ONS: Orapan Nabangchang-Srisawalak; JR - Jeff