

SANDEE Course on Environmental and Natural Resource Economics

Timetable – Week 1

AIT Centre, Pathumthani, Thailand (October 30-November 16, 2003)

<i>Time</i>	<i>Thursday Oct 30</i>	<i>Friday Oct 31</i>	<i>Saturday Nov 1</i>	<i>Sunday Nov 2</i>	<i>Monday Nov 3</i>	<i>Tuesday Nov 4</i>	<i>Wednesday Nov 5</i>
8:30-10:00	1. Env and Resource Economics in Developing Countries Problems in the region (EH)	5. Welfare Economics Overview– CBA, NPV, Discount rates etc (EH)	9. Introduction to Non -renewable resources (HG)	13. Introduction to Renewable Resources –Fisheries, Rents etc (EH)	17. Biodiversity: Values, Causes of Biodiversity. loss (EH)	21 Introduction to CPR and Institutional Issues (RB)	Field Outing
	10:00-10:30	<i>Coffee Break</i>	<i>Coffee Break</i>	<i>Coffee Break</i>	<i>Coffee Break</i>	<i>Coffee Break</i>	
10:30-12:00	2. Economics of Sustainable Development (HG)	6 Market Failure, Public Goods, Commons and Externalities (HG)	10. Non-renewable resources- Mining and Natural Gas in Bangladesh (EH)	14. Sturgeon case study (EH)	18 Biodiversity and Protected Areas -Case Study from B'desh (EH)	22 CPR and Institutional Issues – Conditions for cooperation (RB)	
	12:00-2:00	<i>Lunch Break</i>	<i>Lunch Break</i>	<i>Lunch Break</i>	<i>Lunch Break</i>	<i>Lunch Break</i>	
2:00-3:30	3. Sustainable Development: National Accounting, Indicators and Hartwick rule (EH)	7 Market Failure, Public Goods, Commons and Externalities-cont (HG)	11. Group Discussion – Are non-renewable resources scarce? (HG)	15 Forestry – models, new issues (HG)	19 Selling Environmental Services – Group Discussion (HG)	23 CPR and Institutional Issues – Example from South Asia (RB)	
	3:30-4:00	<i>Tea Break</i>	<i>Tea Break</i>	<i>Tea Break</i>	<i>Tea Break</i>	<i>Tea Break</i>	
4:00-5:00	4. Group discussion on EKC (EH)	8. Group: Policy / Market / Institutional Failures Examples (EH)	12 Group to Discuss Presentations for Week 3 (HG/EH)	16 Group Discussion: The Skeptical Environmentalist (HG/EH)	20 Small Group Time to discuss individual project ideas (EH, HG)	24 Group Discussion CPR and Poverty: Adhikari and Balasubramanian Papers (HG)	

HG: Herath Gunatilake, EH: Enamul Haque, RB: Rabindra Bhattacharya, PS: Priya Shyamsundar; MNM: M. N Murty, TS: Thomas Sterner, KGM: Karl-Goran Maler

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Timetable – Week 2

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<i>Time</i>	<i>Thursday Nov 6</i>	<i>Friday Nov 7</i>	<i>Saturday Nov 8</i>	<i>Sunday Nov 9</i>	<i>Monday Nov 10</i>	<i>Tuesday Nov 11</i>	<i>Wednesday Nov 12</i>
8:30-10:00	25.	29	33	37	41	45	
	The Problem of Non Market Values: Economic Valuation (HG)	Valuing Demand for Natural Areas: The travel cost method (HG)	Air quality and property values: Hedonic Pricing (MNM)	Health Costs of Pollution: Estimating physical health damages (MNM)	Health Cost of Air polluting – 3 country study (MNM)	Estimating Industrial Pollution Abatement Costs (MNM)	Rest and Reading
10:00-10:30	<i>Coffee Break</i>	<i>Coffee Break</i>	<i>Coffee Break</i>	<i>Coffee Break</i>	<i>Coffee Break</i>	<i>Coffee Break</i>	
10:30-12:00	26 Overview of methods: (HG)	30 Valuing degradation: change in Productivity approach (HG)	34 Non-market valuation and the Contingent Valuation method (MNM)	38 Health Costs of Pollution: Valuing damages – different approaches (MNM)	42 Health Cost of water Pollution (MNM)	46 Physical and Monetary Accounts for Pollution (MNM)	Rest and Reading
12:00-2:00	<i>Lunch Break</i>	<i>Lunch Break</i>	<i>Lunch Break</i>	<i>Lunch Break</i>	<i>Lunch Break</i>	<i>Lunch Break</i>	
2:00-3:30	27 Review Session: Regression Analyses (HG)	31 Travel Cost: Econometric Exercise on EXCEL (HG)	35 CVM: Designing a Survey Instrument (HG)	39 Reading and Questions	43 Reading and Questions	Group Time for Projects	47 Poverty, Natural Resource Use and Environmental Change – Policy Issues (PS)
3:30-4:00	<i>Tea Break</i>	<i>Tea Break</i>	<i>Tea Break</i>	<i>Tea Break</i>	<i>Tea Break</i>	<i>Tea Break</i>	<i>Tea Break</i>
4:00-5:00	28. Group Time for Projects	32 Econometric Exercise Discussion of results (HG)	36 Exercise: Designing a CVM Survey –Ganga Action Plan (MNM)	40 Health Costs of Water Pollution: Purnamita Delhi Case Study - Group Discussion (MNM)	44 Health Costs of Air Pollution: Valuation Component of Cropper Delhi Study - Group Discussion (MNM/)	Rest and Reading	48 Group Discussion: The MDGs and Poverty Environment Indicators (PS)

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Timetable – Week 3

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<i>Time</i>	<i>Thursday Nov 13</i>	<i>Friday Nov 14</i>	<i>Saturday Nov 15</i>	<i>Sunday Nov 16</i>	<i>Monday Nov 17</i>
8:30-10:00	49	53	57	61	DEPARTURE
	Research Concept Presentations (1-3) <i>(PS/MNM)</i>	Policy Instruments for Environmental Management - Introduction <i>(TS)</i>	Policy Instruments contd Natural resources <i>(TS)</i>	Special Topics in Macro-Economics - II <i>(KGM)</i>	
10:00-10:30	<i>Coffee Break</i>	<i>Coffee Break</i>	<i>Coffee Break</i>	<i>Coffee Break</i>	
10:30-12:00	50	54	58	62	
	Research Concept Presentations (4-6) <i>(PS/MNM)</i>	Policy Instruments contd Property rights and distribution <i>(TS)</i>	Policy Instruments contd Transport & Industry <i>(TS)</i>	Special Topics in Macro-Economics – III Accounting Prices <i>(KGM)</i>	
12:00-2:00	<i>Lunch Break</i>	<i>Lunch Break</i>	<i>Lunch Break</i>	<i>Lunch Break</i>	
2:00-3:30	51	55	59	63	
	Research Concept Presentations (7-9) <i>(PS/MNM)</i>	Policy Instruments contd - Exercise <i>(TS)</i>	Reading Time	Summary – Overview of the course – Follow-ups and next steps – Evaluation <i>(PS)</i>	
3:30-4:00	<i>Tea Break</i>	<i>Tea Break</i>	<i>Tea Break</i>	<i>Tea Break</i>	
4:00-5:00	52	56	60	64	
	Research Concept Presentations (10-12) <i>(PS/MNM)</i>	Environmental taxes and charges in LDCs and Emerging Economies – fiscal and revenue implications Group Discussion <i>(PS)</i>	Special Topics in Macro-Economics – I Accounting Prices <i>(KGM)</i>		

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