

# Summer School in Environmental and Resource Economics

May 9-26, 2016 | AIT Conference Centre | Pathumthani, Thailand

## Week 1

Day	0	1	2	3	4	5	6
Time	Sun	Mon	Tue	Wed	Thu	Fri	Sat
	8-May	9-May	10-May	11-May	12-May	13-May	14-May
		1	5	9	13	17	Break Day
9:00-10:30	Arrival of Participants/Registration	a) Overview & Expectations b) Use of Mathematics in Economics: A Review	Renewable Resources: Fisheries I	Non-Renewables Natural Resources I	Forest Economics I	Forest Economics III	
		MN	JV	JV	JV	JV	
10:30		<i>Tea/Coffee Break</i>					
		2	6	10	14	18	
11:00-12:30		Review of Differential Calculus & Static Optimization I	Renewable Resources: Fisheries II	Non-Renewable Natural Resources II	Forest Economics II	Forest Economics IV	
		MN	JV	JV	JV	JV	
12:30		<i>Lunch</i>					
1:30 - 2:00		<i>Discussion time for research projects ( Participants with MN/JV)</i>					
		3	7	11	15	19	
2:00 - 3:30		Review of Differential Calculus & Static Optimization II	Introduction to Dynamic Optimization	Assignment 3: fisheries	REDD+ Intervention and Impacts	Assignment 4: Forest Economics	
		MN	MN	MN/JV	BS/MN	MN/JRV	
3:30		<i>Tea/Coffee Break</i>					
		4	8	12	16	20	
4:00 -5:30		Assignment 1: Review of Static Optimization	Assignment 2: Non-Renewable Resources	Assignment 3 (cont.)	Atmospheric Brown Cloud and Transboundary Air Pollution	Assignment 4 (cont.)	
	MN	MN	MN	RCC AP	MN		
7.30 - 8.30	AK	Dinner	Dinner	Dinner	Dinner	Dinner	

AK: Kafle, Anuradha; MN: Nepal, Mani; JV: Jeffrey Vincent

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### Week 2

Day	7	8	9	10	11	12	13
Time	Sun	Mon	Tue	Wed	Thu	Fri	Sat
	15-May	16-May	17-May	18-May	19-May	20-May	21-May
	21	25	29	33	37	41	Reading & Project Preparation
9:00-10:30	A Matter of Trust: Institutions and Social Capital: Cooperation and Exploitation I	Consumption, Environmental, and Reproductive Externalities I	Welfare Measurements and National Accounts I	Panel Data Econometrics for Env. Econ	Causal Inference in Environmental & Energy Economics I	Economics of Climate Change I	
	PD	PD	PD	ES	MA	MA	
10:30	<i>Tea/Coffee Break</i>				<i>Group Photograph</i>	<i>Tea/Coffee Break</i>	
	22	26	30	34	38	42	
11:00-12:30	A Matter of Trust: Institutions and Social Capital: Cooperation and Exploitation II	Consumption, Environmental, and Reproductive Externalities II	Welfare Measurements and National Accounts II	Environmental Health	Causal Inference in Environmental & Energy Economics II	Economics of Climate Change II	
	PD	PD	PD	ES	MA	MA	
12.30	<i>Lunch Break</i>						
1:30 - 2:00	<i>Discussion time for research projects (Participants with PD/ES/MN)</i>						
	23	27	31	35	39	43	
2:00-3:30	STATA Basics	STATA I	STATA II	Additional Lecture	Empirical Paper Presentation	Tutorials on Climate Change Economics	
	MN	MN	MN	TBD	MA/MN	MA/MN	
3:30	<i>Tea/Coffee Break</i>						
	24	28	32	36	40	44	
4:00 - 6.00	Empirical Paper Presentation	Empirical Paper Presentation	Empirical Paper Presentation	Empirical Paper Presentation	Empirical Paper Presentation	Outing	
	MN/ES	MN/ES	MN/ES	MN/ES	MN/ES		
7.30 - 8.30	Dinner	Dinner	Dinner	Dinner	Welcome Dinner		

MA: Auffhammer, Maximilian; PD: Dasgupta, Partha; MN: Nepal, Mani; ES: Somanathan, E.

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### Week 3

Day Time	14 Sun 22-May	15 Mon 23-May	16 Tue 24-May	17 Wed 25-May	18 Thu 26-May	19 Fri 27-May
	45	49	53	57	61	Departure
9:00-10:30	Non-Market Valuation and CBA	Revealed Preference: Hedonic Method	Discrete Choice Modeling & RUM	Project Presentation	Project Presentation	
	EH	EH	EH	EH/MN	EH/MN	
10:30	<i>Tea/Coffee Break</i>					
	46	50	54	58	62	
11:00-12:30	Revealed Preferences: Travel Cost Method	Stated Preference: CVM	Productivity Changes and Valuing Health Impacts	Project Presentation	Project Presentation	
	EH	EH	EH	EH/MN	EH/MN	
12:30	<i>Lunch Break</i>					
1:30 - 2.00	<i>Discussion time for research project (Participants with EH/MN)</i>					
	47	51	55	59	63	
2:00-3:30	Assignment 5: Travel Cost	Assignment 6: Hedonics	Assignment 7: WTP Estimation	Project Presentation	Project Presentation	
	MN	MN	MN	EH/MN	EH/.MN	
3:30	<i>Tea/Coffee Break</i>					
	48	52	56	60	Evaluation and Closing	
4:00-5:30	Elements of Good Research Proposal	Project Preparation	Project Preparation	Project Presentation		
	MN	Group	Group	EH/MN	AK/MN/EH	
7.30 - 8.30	Dinner	Dinner	Dinner	Dinner	Dinner	
9:00- 10:00	Subhrendu Pattanayak (Prof at Duke Univeristy): Valuation of Ecosystem Serivces					

EH: Haque, Enamul; MN: Nepal, Mani, AK:Anuradha Kafle