

## Summer School in Environment and Resource Economics

Swutel Hotel, Srinakharinwirot University

7th - 23rd May, 2012

Week 1

Day	0	1	2	3	4	5
Time	Sun	Mon	Tue	Wed	Thu	Fri
	6-May	7-May	8-May	9-May	10-May	11-May
		<b>1</b>	<b>5</b>	<b>9</b>	<b>13</b>	<b>17</b>
9:00-10:30	<b>Arrival of Participants/Registration</b>	Welcome, Introduction, Logistics, Overview & Expectations Use of Mathematics in Economics: A Review	Introduction to Natural Resource Economics: Non-Renewables I	Renewable Resources - Fisheries I	Forst Economics: Wood Production I	Forest Economics: Non-wood Products I
		AK/MN	JRV	JRV	JRV	JRV
10:30		<i>Tea/Coffee Break</i>				
		<b>2</b>	<b>6</b>	<b>10</b>	<b>14</b>	<b>18</b>
11:00-12:30		Review of Differential Calculus & Static Optimization I	Non-Renewable Resources II	Revevable Resources: Fisheries II	Forst Economics: Wood Production II	Forest Economics: Non-wood Products II
		MN	JRV	JRV	JRV	JRV
12:30		<i>Lunch Break</i>				
1:30-2:00		<i>Discussion time for research projects (PS/RNB/MN)</i>				
		<b>3</b>	<b>7</b>	<b>11</b>	<b>15</b>	<b>19</b>
2:00-3:30		Review of Differential Calculus & Static Optimization II	Introduction to Dynamic Optimization	Use of STATA in Applied Research	Watershed services of forests: A Case of Malaysia	How to design a good research project
	MN	MN	MN	JRV	PM	
3:30	<i>Tea/Coffee Break</i>					
	<b>4</b>	<b>8</b>	<b>12</b>	<b>16</b>	<b>20</b>	
4:00-5:30	<b>Assignment 1: Review of Static Optimization</b>	<b>Assignment 2 : Non-Renewable Resouces</b>	<b>Assignment 3 : Renewable Resources</b>	<b>Empirical Paper Presentation</b>	<b>Empirical Paper Presentation</b>	
	AK	MN	MN	MN	MN	
6:00 - 7:00		STATA Basics I	STATA Basics II	Free Time	Free Time	Free Time
		MN	MN			

AK: Kafle, Anuradha; PM: Mukhopadhyay, Pranab; MN: Nepal, Mani; JRV: Vincent, Jeff R.

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### Week 2

Day	6	7	8	9	10	11	12	
Time	Sat 12-May	Sun 13-May	Mon 14-May	Tue 15-May	Wed 16-May	Thu 17-May	Fri 18-May	
	<b>Sat - Field Trip &amp; Sun Free</b>	<b>21</b>	<b>25</b>	<b>29</b>	<b>33</b>	<b>37</b>	<b>Reading &amp; Project Preparation</b>	
9:00-10:30		Welfare Economics and Preferences	Ecosystem Services as Capital Asset - I	Growth in Total Factor Productivity	Social Capital & Environmental Externality	Poverty and Reproductive Behavior		
		KGM	KGM	KGM	PD	PD		
10:30		<i>Tea/Coffee Break</i>		<i>Group Photograph</i>		<i>Tea/Coffee Break</i>		
		<b>22</b>	<b>26</b>	<b>30</b>	<b>34</b>	<b>38</b>		
11:00-12:30		Dynamic Welfare Measurements and Macro Indicators of Sustainable Development	Ecosystem Services as Capital Assets - II	Inclusive National Accounts	Common Property Resources	Social Discounting & Climate Change		
		KGM	KGM	PD	PD	PD		
1:30		<i>Lunch Break</i>						
1:30-2:00		<i>Discussion time for research projects (PS/PD/KGM/MN)</i>						
		<b>23</b>	<b>27</b>	<b>31</b>	<b>35</b>	<b>39</b>		
2:00-3:30		Project Preparation	Project Preparation	Project Discussion	Project Discussion	Financial and Economic Viability of Bioplastic Production in Thailand		
		Group	Group	PS/MN/KGM/PD/EH/PM	PS/PD/KGM/MN/EH	Chompoonuh Permpoonwivat		
3:30		<i>Tea/Coffee Break</i>						
		<b>24</b>	<b>28</b>	<b>32</b>	<b>36</b>	<b>40</b>		
4:00-5:30	<b>Empirical Paper Presentation</b>	<b>Empirical Paper Presentation</b>	Project Discussion	<b>Empirical Paper Presentation</b>	<b>Empirical Paper Presentation</b>			
	KGM/MN/PM/EH/PS	KGM/MN/PM/EH/PS	PS/PD/KGM/MN/EH	PD/MN/EH/PS	PD/MN/EH/PS			

PD: Dasgupta, Partha; KGM: Maler, Karl-Goran; MN: Nepal, Mani; PS: Shyamsundar, Priya; PM: Pranab Mukhopadhyay; EH: Enamul Haque

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### Week 3

Day	13	14	15	16	17	18
Time	Sat 19-May	Sun 20-May	Mon 21-May	Tue 22-May	Wed 23-May	Thu 24-May
	41	45	49	53	57	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/PS/MN	EH/PS/MN	
10:30	<i>Tea/Coffee Break</i>					
	42	46	50	54	58	
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/PS/MN	EH/PS/MN	
12:30	<i>Lunch Break</i>					
1:30-2:00	<i>Discussion time for research project (PS/EH/MN)</i>					
	43	47	51	55	59	
2:00-3:30	Environmental Valuation in SA	TBA	Economic Valuation as Inputs for Designing Economic Instruments	Project Presentation	Project Presentation	
	PS	EH	Orapan Nabangchang	EH/PS/MN	EH/PS/MN	
3:30	<i>Tea/Coffee Break</i>					
	44	48	52	56	60	
4:00-5:30	Assignment 4: Travel Cost	Assignment 5: Hedonics	Assignment 6: WTP Estimation	Project Presentation	Evaluation	
	MN/EH	MN/EH	MN/EH	EH/PS/MN	EH/PS/MN/AK	

EH: Haque, Enamul; MN: Nepal, Mani; PS: Shyamsundar, Priya