

# ***WBI – SANDEE Course on Environmental and Natural Resource Economics***

Dhaka – Bangladesh, April 29 to May 16, 2002

Venue: BRAC Center, Dhaka, Bangladesh

## **Timetable – Week 1**

<i>Time</i>	<i>Sunday April 28</i>	<i>Monday April 29</i>	<i>Tuesday April 30</i>	<i>Wednesday May 1</i>	<i>Thursday May 2</i>	<i>Friday May 3</i>	<i>Saturday May 4</i>
<b>8:30-10:00</b>	ARRIVE IN DHAKA	<b>1.</b>	<b>5.</b>	<b>9.</b>	<b>13.</b>	OVER- NIGHT BOAT RIDE?	STUDY DAY
		Economics and the Environment (AM)	The Economics of Non-Renewable Resources (AM)	Welfare Economics (AM)	The Economics of Biodiversity (AM)		
<b>10:00-10:30</b>		<i>Coffee Break</i>	<i>Coffee Break</i>	<i>Coffee Break</i>	<i>Coffee Break</i>		
<b>10:30-12:00</b>		<b>2.</b>	<b>6.</b>	<b>10.</b>	<b>14.</b>		
		The Economics of Sustainable Development (AM)	Non-Renewable Resources: Focus on Mining and Natural Gas (EH)	Welfare Economics (Contd.) (AM)	Biodiversity Case Study: The Case of Sturgeon (AM)		
<b>12:00-2:00</b>		<i>Lunch Break</i>	<i>Lunch Break</i>	<i>Lunch Break</i>	<i>Lunch Break</i>		
<b>2:00-3:30</b>		<b>3.</b>	<b>7.</b>	<b>11.</b>	<b>15.</b>		
		Sustainable Development and National Accounting (AM)	The Economics of Renewable Resources: Forestry (AM)	Policy, Market and Institutional Failure: Example (PS)	Biodiversity Conservation – the Problem of Scale (Stakeholder Discussion) (PS)		
<b>3:30-4:00</b>	<i>Tea Break</i>	<i>Tea Break</i>	<i>Tea Break</i>	<i>Tea Break</i>			
<b>4:00-5:00</b>	<b>4.</b>	<b>8.</b>	<b>12.</b>	<b>16.</b>			
	Group discussion on EKC (PS)	Fisheries: Introduction and Models (EH)	Policy, Market and Institutional Failure: Example (PS)	Poverty and Environmental Degradation (IH)			

AM: Anil Markandya; MC: Maureen L. Cropper; JD: John A. Dixon; PS: Priya Shyamsundar; EH: Enamul Haque; MNM: M. N. Murty; HG: Herath Gunathilake, IH: Iftekhar Hossain

## Timetable – Week 2

<i>Time</i>	<i>Sunday May 5th</i>	<i>Monday May 6</i>	<i>Tuesday May 7</i>	<i>Wednesday May 8</i>	<i>Thursday May 9</i>	<i>Friday May 10</i>	<i>Saturday May 11</i>
	<b>17.</b>	<b>21.</b>	<b>25.</b>	<b>29.</b>	<b>33.</b>	STUDY DAY	STUDY DAY
<b>8:30-10:00</b>	Forestry Introduction and Models (EH)	The Problem of Non Market Values: - Externalities - Economic Valuation (JD)	Health Costs of Pollution: Risk Assessment (MC, JD)	Health Costs of Pollution: Health Valuation I (MC, JD)	Contingent Valuation Method (MC)		
<b>10:00-10:30</b>	<i>Coffee Break</i>	<i>Coffee Break</i>	<i>Coffee Break</i>	<i>Coffee Break</i>	<i>Coffee Break</i>		
	<b>18.</b>	<b>22.</b>	<b>26.</b>	<b>30.</b>	<b>34.</b>		
<b>10:30-12:00</b>	Forestry: Tropical Deforestation – Policy, Market and Institutional Failures (EH)	Overview of methods: - The case of the Clean Air Act (MC)	Health Costs of Pollution: Air Pollution Epidemiology (MC, JD)	Health Costs of Pollution: Health Valuation 2 (including discussion of benefits transfer) (JD, MC)	Contingent Valuation Method: Example/Exercise (MC)		
<b>12:00-2:00</b>	<i>Lunch Break</i>	<i>Lunch Break</i>	<i>Lunch Break</i>	<i>Lunch Break</i>	<i>Lunch Break</i>		
	<b>19.</b>	<b>23.</b>	<b>27.</b>	<b>31.</b>	<b>35.</b>		
<b>2:00-3:30</b>	Deforestation and Alternative Land Uses (Costa Rica – Exercise) (PS)	Hedonic Pricing: Theory and Applications (MC)	Health Costs of Pollution: Delhi Case Study - Exercise for Students in Computing Cases Avoided (JD, MC)	Health Costs of Pollution: Discussion on Collection and Use of Data for Health Valuations (MC, JD)	Travel Cost (JD)		
<b>3:30-4:00</b>	<i>Tea Break</i>	<i>Tea Break</i>	<i>Tea Break</i>	<i>Tea Break</i>	<i>Tea Break</i>		
	<b>20.</b>	<b>24.</b>	<b>28.</b>	<b>32.</b>	<b>36.</b>		
<b>4:00-5:00</b>	Discussion on Poverty and forests (PS)	Hedonic Pricing: Case Studies (MC)	Health Costs of Pollution: Usefulness of Cost- Effectiveness Analysis (MC, JD)	Health Costs of Pollution: Discussion of Use of Health Benefits Assessment in Policy (JD, MC)	Travel Cost: Example/Exercise (JD)		

AM: Anil Markandya; MC: Maureen L. Cropper; JD: John A. Dixon; PS: Priya Shyamsundar; EH: Enamul Haque; MNM: M. N. Murty; HG: Herath Gunathilake, IH: Iftekhar Hossain

## Timetable – Week 3

<i>Time</i>	<i>Sunday May 12</i>	<i>Monday May 13</i>	<i>Tuesday May 14</i>	<i>Wednesday May 15</i>	<i>Thursday May 16</i>	<i>Friday May 17</i>
<b>8:30-10:00</b>	<b>37.</b>	<b>41.</b>	<b>45.</b>	<b>49.</b>	<b>53.</b>	DEPARTURE
	Change in Productivity Approach (EH)	Economic Instruments – Theory and Practice (HG)	Household demand for water, Clean water services, water pricing (MNM)	Industrial Pollution Management: Greening Industry (MNM)	Waste Management and Recycling (EH)	
<b>10:00-10:30</b>	<i>Coffee Break</i>	<i>Coffee Break</i>	<i>Coffee Break</i>	<i>Coffee Break</i>	<i>Coffee Break</i>	
<b>10:30-12:00</b>	<b>38.</b>	<b>42.</b>	<b>46.</b>	<b>50.</b>	<b>54.</b>	
	Change in Productivity Approach –Mangrove Case study (EH)	Economic Instruments Cont (HG)	Industrial Pollution Management: Estimating MAC curves and optimal charges (MNM)	The benefits and costs of cleaning the Ganga (MNM)	Waste Management – Case Study (EH)	
<b>12:00-2:00</b>	<i>Lunch Break</i>	<i>Lunch Break</i>	<i>Lunch Break</i>	<i>Lunch Break</i>	<i>Lunch Break</i>	
<b>2:00-3:30</b>	<b>39.</b>	<b>43.</b>	<b>47.</b>	<b>51.</b>	<b>55.</b>	
	Property Rights and Institutions (HG)	Working Groups’ meetings to discuss presentations	Research Concept Presentations (I)	Research Concept Presentations (III)	Research Concept Presentations (V)	
<b>3:30-4:00</b>	<i>Tea Break</i>	<i>Tea Break</i>	<i>Tea Break</i>	<i>Tea Break</i>	<i>Tea Break</i>	
<b>4:00-5:00</b>	<b>40.</b>	<b>44.</b>	<b>48.</b>	<b>52.</b>	<b>56.</b>	
	Common Property Regimes – Case Study (KAT)	Working Groups’ meetings to discuss presentations	Research Concept Presentations (II)	Research Concept Presentations (IV)	Summary – Overview of the course – Follow-ups and next steps – Evaluation (PS)	

AM: Anil Markandya; MC: Maureen L. Cropper; JD: John A. Dixon; PS: Priya Shyamsundar; EH: Enamul Haque; MNM: M. N. Murty; HG: Herath Gunathilake, IH: Iftekhar Hossain