

An Introductory Course in Environmental and Natural Resource Economics

AIT CC, Pathumthani, Thailand

5th May - 21st May, 2009

Week 1

| Day Time | 0 Mon 4-May | 1 Tue 5-May-08 | 2 Wed 6-May | 3 Thu 7-May | 4 Fri 8-May | 5 Sat 9-May | |
|-------------|---|---|---|-------------------------------------|--|---|--|
| | Arrival of Participants/Registration | 1 | 5 | 9 | 13 | 17 | |
| 9:00-10:30 | | Welcome & Intro. Use of Maths in Economics: A Review | Introduction to Natural Resource Econ: Non-Renewables | Renewable Resources - Fisheries | Fisheries/Forestry | Pollution Control: Principles & Instruments | |
| | | PS/MN | RNB | RNB | RNB | BL | |
| 10:30 | | <i>Coffee Break</i> | | | | | |
| | | 2 | 6 | 10 | 14 | 18 | |
| 11:00-12:30 | | Review of Differential Calculus & Static Optimization I | Non-Renewable Resources (contd) | Fisheries (cont) | Forestry (cont) | Pollution Control: Economic Instruments in Practice | |
| | | MN | RNB | RNB | RNB | BL | |
| 12:30 | | <i>Lunch Break</i> | | | | | |
| 1:30-2:00 | | <i>Discussion time for research projects (PS/RNB/BL/MN)</i> | | | | | |
| | | 3 | 7 | 11 | 15 | 19 | |
| 2:00-3:30 | | Review of Differential Calculus & Static Optimization II | Assignment 2 : Non-Renewables | Poverty and NRM/Project Discussion | Assignment 3: Renewables | Pollution Control: Monitoring & Enforcement Issues | |
| | | MN | MN | PS | MN | BL | |
| 3:30 | | <i>Tea Break</i> | | | | | |
| | | 4 | 8 | 12 | 16 | 20 | |
| 4:00-5:30 | Assignment 1: Math/Microeconomics Review & Static Optimization | Introduction to Dynamic Optimization | Project Discussion | Empirical Paper Presentation | Pollution Control: Role of Communities & Markets | | |
| | AK | MN | MN | RNB/MN | RNB/MN | BL | |

RNB: RN Bhattacharya, PS: Priya Shyamsundar, MN: Mani Nepal; BL: Benoit Laplante; AK: Anuradha Kafley

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Week 2

| Day Time | 6 Sun 10-May | 7 Mon 11-May | 8 Tue 12-May | 9 Wed 13-May | 10 Thu 14-May | 11 Fri 15-May | 12 Sat 16-May | |
|--------------|--------------------|---|--|-------------------------------------|--|---|---------------------|-------------------------|
| | | 21 | 25 | 29 | 33 | 37 | Free Day | |
| 9:00-10:30 | Free Day | An Introduction to Environmental Economics | Accounting for Sustainable Development | Accounting for Ecosystem II | Role of Trust:Grim-triger strategy | Place of Nature in Economic Development | | |
| | | KGM | KGM | KGM | PD | PD | | |
| 10:30 | | <i>Coffee Break</i> | | | | | | <i>Group Photograph</i> |
| | | 22 | 26 | 30 | 34 | 38 | | |
| 11:00-12:30 | | An Introduction to PES | Accounting for Ecosystem Services-I | Accounting for Resilinance | Trust, Grim-triger strategy & CredibleThreat | Climate Change & Social Discounting | | |
| | | KGM | KGM | KGM | PD | PD | | |
| 12:30 - 1:30 | | <i>Lunch Break</i> | | | | | | |
| 1:30-2:00 | | <i>Discussion time for research projects (PS/PD/KGM/MN)</i> | | | | | | |
| | | 23 | 27 | 31 | 35 | 39 | | |
| 2:00-3:30 | | Reading Time | Pro-poor growth and natural resources | Reading Time | Reading Time | Project ideas/Discussion | | |
| | | Group | P Steele | Group | Group | PS/PD/KG | | |
| 3:30 | | <i>Coffee Break</i> | | | | | | |
| | | 24 | 28 | 32 | 36 | 40 | | |
| 4:00-5:30 | | Empirical Paper Presentation | Political economy of natural resources | Empirical Paper Presentation | Empirical Paper Presentation | Empirical Paper Presentation | | |
| | | KGM/MN | P Steele | KGM/PD/MN | KGM/PD/MN | PD/MN | | |
| 6:30 | | | Inconvenient Truth - Movie | | Dinner Party | | | |

KGM: Karl Goran Maler, PD: Partha Dasgupta, PS: Priya Shyamsundar, MN: Mani Nepal; P Steele: Paul Steele

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Week 3

| Day | 13 | 14 | 15 | 16 | 17 | 18 |
|-------------|--|-------------------------------------|---|----------------------|----------------------|------------------|
| Time | Sun 17-May | Mon 18-May | Tue 19-May | Wed 20-May | Thu 21-May | Fri 22-May |
| | 41 | 45 | 49 | 53 | 57 | Departure |
| 9:00-10:30 | Non-Market Valuation and CBA | Revealed Preference: Hedonic Method | Productivity Changes and Valuing Health Impacts | Project Presentation | Project Presentation | |
| | KO | EH | EH | EH/PS/MN | EH/PS/MN | |
| 10:30 | | | | | | |
| | 42 | 46 | 50 | 54 | 58 | |
| 11:00-12:30 | Stated Preference | Discrete Choice Modeling & RUM | Health Impact - Case Studies | Project Presentation | Project Presentation | |
| | KO | EH | PS | 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 | Revealed Preferences: Travel Cost Method | Project Preparation | Climate Change: Case Study | Project Presentation | Project Presentation | |
| | EH | Participants | WMW | EH/PS/MN | EH/PS/MN | |
| 3:30 | | | | | | |
| | 44 | 48 | 52 | 56 | 60 | |
| 4:00-5:30 | Assignment 4: Travel Cost | Empirical Paper Presentation | Project Preparation | Project Presentation | Evaluation | |
| | EH | EH | Participants | EH/PS/MN | EH/PS/MN | |

EH: Enamul Haque, PS: Priya Shyamsundar, MN: Mani Nepal, KO: Khun Orapan; SMW: S M Wahid