Minutes of Meeting

Course : 29 – Environmental Economics
Date of Meeting : 12th January 2017
Venue : Department of Economics, Delhi School of Economics, University of Delhi
Chair : Prof. Shreekant Gupta

Attended by:

1. Akhilesh Kumar Yadav Satyawati College (E)
2. Daisy Sales Jesus & Mary College
4. Namita Mathur IP College
5. Shruti Lakshmibai College
6. Rashmi Chaudhary Kalindi College
7. Manoj Kumar Shyam Lal College (Evening)
8. Pradip Biswas College of Vocational Studies
9. Uma St.Stephens College
10. Nainy Sri Venkateswara College

Readings:


Also see:
http://www.pearsoned.co.uk/highereducation/resources/permnaturalresourceandenvironmentaleconomics4e/

TOPIC WISE READINGS

All chapters below refer to Kolstad (2012). Entire chapter has to be covered except where sections to be skipped are specifically mentioned.

Supplementary readings are meant to supplement the material in Kolstad, etc. but are optional.

The number of lectures suggested against each topic are indicative and are only meant as broad guidelines.

1. **Introduction (approx. 8 lectures):** What is environmental economics; review of micro economics and welfare economics.


   Chapter 1: Skip Section III which is to be done later in Topic 4.
   Chapter 2
   Chapter 3: Do Sections I, II, III (skip section III.B pp. 47-52) and IV.
   Chapter 4

   Supplementary Reading:

   **Overview of environmental problems in India [this section is optional]**


2. **The Theory of Externalities (approx. 5 lectures):** Pareto optimality and market failure in the presence of externalities; property rights and the Coase theorem.

   Chapter 5: Skip Section V (Pricing Public Goods and Bads) (2 lectures)
   Chapter 13: Do Section I only (Coase and the Assignment of Property Rights) (3 lectures)

   Supplementary Reading:

3. **The Design and Implementation of Environmental Policy (approx. 18 lectures):** Overview; Pigouvian taxes and effluent fees; tradable permits; choice between taxes and quotas under uncertainty; implementation of environmental policy.
Chapter 1: Do Section III (Environmental Regulation)
Chapter 11: Skip Sections II and VI
Chapter 12: Do all sections
Chapter 13: Do Sections II.A and II.B
Chapter 14
Chapter 15: Do Sections I and II (two typos on p. 303 – check with instructor)

Michael Sandel (and replies to Sandel) “It’s Immoral to Buy the Rights to Pollute” [Reprinted as Chapter 18 in Stavins (2012).]

Supplementary Readings:

4. **International Environmental Problems (approx. 6 lectures):** Trans-boundary environmental problems; economics of climate change; trade and environment.


   [These 3 articles are re-printed as Chapters 24, 25 and 26, respectively in *Economics of the Environment: Selected Readings* (2012)]

   Supplementary Reading:

5. **Measuring the Benefits of Environmental Improvements (approx. 14 lectures):** Non-market values and measurement methods; risk assessment and perception.

   Chapter 7: Skip Section VI (Discrete Choice). Do all other sections.
   Chapter 8: p. 147 and Section IV (skip section IV.E)
   Chapter 10

6. **Sustainable Development (1 lecture):** Concepts; measurement.

   [Re-printed as Chapter 28 in *Economics of the Environment: Selected Readings* (2012).]
Supplementary Readings:

Assessment:
1. Internal evaluation will comprise one class tests (10 marks) and 5 marks for attendance. Remaining 10 marks can be an additional class test or paper-cum-presentation.

2. The end semester exam (75 marks) will comprise numericals and other questions.

It was also agreed future meetings should be held in the previous semester shortly after dispersal of classes.