

Department of Economics  
Hacettepe University  
**ECO 448 Natural Resources and Environmental Economics**  
*Spring 2010*

**Course Information**

- Instructor** Dr. Shihomi Ara-Aksoy  
Office Phone: 297 86 50 / ext 122  
Email: sara@hacettepe.edu.tr
- Time/Place** **Wednesdays 13:00 – 15:45 @ D 11**
- Office Hours** Mondays, Tuesdays 13:00 – 14:00, or by appointment
- Course Website** **[www.shihomiaksoy.org](http://www.shihomiaksoy.org) ; <http://yunus.hacettepe.edu.tr/~sara>**
- Course Description** This course provides an introduction to environmental and natural resource economics and policy. Lectures are designed to provide insights into the economic aspects and a theoretical foundation of a wide range of environmental issues including air and water pollution and climate change. The basic concept of cost-benefit analysis and environmental evaluation are also discussed.
- Course Objectives** By the end of this course, students are expected to develop a capacity to evaluate the environmental/natural resources problem at hand, analyze the possible instruments, and assess the impacts of the chosen instrument.

**Course Requirements**

1.	Midterm Exam I	30%
2.	Midterm Exam II	30%
3.	Attendance	5%
4.	Presentation	10%
5.	Term Paper*	25%

\*See Term Paper Guideline for the details

\*\* See Reports Guideline for the details

**Textbooks**

- Tom Tietenberg and Lynne Lewis, *Environmental and Natural Resource Economics*, 8<sup>th</sup> Edition, Pearson Education, Inc. 2009. **(Required)**
- Roger Perman et al. *Natural resource and Environmental Economics*, 3<sup>rd</sup> Edition, Pearson Education Limited, 2003. (Supplementary)
- Anthony E. Boardman et al. *Cost-Benefit Analysis Concepts and Practice*, 3<sup>rd</sup> Edition, Pearson Education Limited, 2006. (Supplementary)

**Class Participation** Discussion is a very important component of this class, therefore your class attendance is highly expected.

**Make-up Exam**      **No makeup exam will be given** unless a legally acceptable document (such as medical report) is submitted. Validity of such document will be examined.

**Grading**

Final grade will be given entirely based on your scores under a fair and single grading policy. None of students' "special situations/needs" (e.g. scholarship, graduation, financial condition, family situation etc.) will affect the grade. If you need a certain grade, work hard.

**Academic Misconduct**

Please read the relevant material at <http://www.plagiarism.org/>. Detected plagiarism throughout the coursework will cause the student to be punished according to the University rules. The students are expected to know what plagiarism is and lack of knowledge is not an acceptable excuse.

**Disabilities**

Any student who feels s/he may need an accommodation based on the impact of a disability should contact me privately to discuss your specific need.

**Course Schedule**

Week	Date	Topics	Reading
1	Feb. 17	Introduction	
2	Feb. 24	Property Rights, Externalities, and Environmental Problems	T.L. Ch.4
3	Mar.3	Dynamic Efficiency and Sustainable Development	T.L. Ch.5
4	Mar.10	Economics of Pollution Control	T.L. Ch.15
5	Mar.17	Stationary-Source Local Air Pollution Regional and Global Air Pollutants	T.L. Ch.16, 17
6	Mar.24	Mobile-Source Air Pollution Water Pollution	T.L. Ch.18, 19
	TBA	<b>Midterm Exam I</b>	
7	Mar.31	Cost-Benefit Analysis	T.L. Ch.2
8	Apr. 7	<i>*Term Paper Topic Submission Due Date</i>	
9	Apr.14	Valuing the Environment: Concepts	T.L. Ch.2
10	Apr.21	Valuing the Environment: Methods	T.L. Ch.3
11	Apr.28	<b>Midterm Exam II</b>	
12	May.5	<i>Presentation</i>	
13	May.12	<i>*Term Paper Submission Due Date</i>	
14	May. 19	<i>National Holiday: No Class</i>	