

Department of Economics
Hacettepe University

ECO 448 Natural Resources and Environmental Economics

Spring 2009

Course Information

- Instructor** Dr. Shihomi Ara-Aksoy
Office: Department of Economics
Office Phone: 297 86 50 / ext 122
Email: sara@hacettepe.edu.tr
- Time/Place** **Fridays 13:00 – 15:45 @ İİBF D11**
- Office Hours** Mondays, 16:00 – 17:00, Tuesdays 16:00-17:00 or by appointment
- Course Website** <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 economic aspects and a theoretical foundation of a wide range of environmental issues including air and water pollution, climate change, valuation of environment management of renewable and non-renewable natural resources, and issues in common pool resource management.
- 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.	Two Assignments	10% each
2.	Midterm Exam	30%
3.	Final Exam	50%

Textbooks

- Tom Tietenberg and Lynne Lewis, *Environmental and Natural Resource Economics*, 8th Edition, Pearson Education, Inc. 2009. **(Required)**
- Roger Perman et al. *Natural resource and Environmental Economics*, 3rd Edition, Pearson Education Limited, 2003. (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.

	Date	Topics	Reading
1 st week	Feb. 13	Introduction	
2 nd week	Feb. 20	Property Rights, Externalities, and Environmental Problems	T.L. Ch.4
3 rd week	Feb.27	Dynamic Efficiency and Sustainable Development	T.L. Ch.5
4 th week	Mar.6	Economics of Pollution Control	T.L. Ch.15
5 th week	Mar.13	<ul style="list-style-type: none">• Stationary-Source Local Air Pollution• Regional and Global Air Pollutants	T.L. Ch.16, 17
6 th week	Mar.20	<ul style="list-style-type: none">• Mobile-Source Air Pollution• Water Pollution	T.L. Ch.18, 19
7 th week	Mar.27	Valuing the Environment Concepts	T.L. Ch.2
8 th week	To be announced	Midterm Exam	
9 th week	Apr.10	Valuing the Environment: Methods	T.L. Ch.3
10 th week	Apr.17	The Allocation of Depletable and Renewable Resources	T.L. Ch.7
11 th Week	Apr.24	Energy: The transition from Depletable to Renewable Resources	T.L. Ch.8
12 th week	May.1	<ul style="list-style-type: none">• Recyclable Resources• Replenishable but Depletable Resources: Water	T.L. Ch.9,10
13 th week	May.8	<ul style="list-style-type: none">• Reproducible Private Property Resources: Agriculture• Storable, Renewable resources: Forests	T.L. Ch.12, 13
14 th week	May.15	Common-Pool Resources: fisheries and Other Commercially Valuable Species	T.L. 14
	To be announced	Final Exam	

