

Department of Economics  
Hacettepe University  
**ECO 448 Natural Resources and Environmental Economics**  
*Spring 2013-2014*

**Course Information**

**Instructor** Dr. Shihomi Ara-Aksoy  
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**Time/Place** **Thursdays 9:00 – 11:45 @ DK9**

**Office Hours:** Tuesdays and Wednesdays: 13:00 - 14:00, or by appointment

**Course Website:** <http://yunus.hacettepe.edu.tr/~sara>, <http://www.shihomiaksoy.org>

**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. A group project is also assigned to actually develop an environmental valuation survey, conduct the survey, analyze the data and present the findings in a conference format.

**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	25%
2.	Final Exam	40%
3.	Attendance	10%
4.	Group Project	25%

**Textbooks**

- Tom Tietenberg and Lynne Lewis, *Environmental and Natural Resource Economics*, 9<sup>th</sup> Edition, Pearson Education, Inc. 2011. **(Required)**

**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.

Week	Date	Topics	Reading
1	Feb. 16	Introduction/ Film: Inconvenient Truth	
2	Feb. 23	Property Rights, Externalities, and Environmental Problems	Ch.4
3	Mar.1	Dynamic Efficiency and Sustainable Development	Ch.5
4	Mar.8	Air Pollution	Ch.16,17
5	Mar.15	Water Pollution	Ch.19
6	Mar.22	Cost-Benefit Analysis	
7	Mar.29	Environmental Evaluation Methods (1)	Ch.2
8	TBA	<b>Midterm Exam</b>	
9	Apr. 12	Environmental Evaluation Methods (2)	Ch.3
10	Apr.19	Workshop	
11	Apr.26	Economics of Pollution Control (1)	Ch.15
12	May.3	Economics of Pollution Control (2)	Ch.15
13	May.10	Economics of Pollution Control (3)	Ch.15
14	May.17	Conference	