

Department of Economics  
Hacettepe University

## **ECO 448 Natural Resources and Environmental Economics** *Spring 2014-2015*

### **Course Information**

**Instructor** Dr. Shihomi Ara-Aksoy  
Office: Department of Economics  
Office Phone: 297 86 50 / ext 117  
Email: sara@hacettepe.edu.tr

**Time/Place** **Mondays 13:00 – 15:45 @ D9**

**Office Hours:** Tuesdays at 15:45 - 16:45, 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. Hands-on experiences with assignments with data analyses and in-class experiments are given an importance. The topics in environment and natural resource management in Turkey will also be discussed.

**Course Objectives** By the end of this course, students are expected to (i) 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	30%
2.	Final Exam	30%
3.	Attendance	10%
4.	Presentation	10%
5.	Assignment	20%

#### **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	
2	Feb. 23	Property Rights, Externalities, and Environmental Problems	Ch.4
3	Mar. 2	Air Pollution, Water Pollution	Ch.18, 19
4	Mar.9	Economics of Pollution Control (1)	Ch.15
5	Mar.16	Economics of Pollution Control (2)	Ch.16
6	Mar.23	Economics of Pollution Control (3)	Ch.17
7	Mar.30	Cost-Benefit Analysis	
8	TBA	<b>Midterm Exam</b>	
9	Apr. 13	Environmental Evaluation (1)	Ch. 2
10	Apr.20	Environmental Evaluation (2)	Ch. 3
11	Apr.27	Dynamic Efficiency and Sustainable Development	Ch. 5
12	May.4	Resource Management: Energy, Water	Ch.8, 10
13	May.11	Resource Management: Forest Common-Pool Resources Management	Ch.13, 14
14	May.18	Presentation	