

University of California, San Diego
Department of Economics
Summer Session I 2007

ECON 131: Environmental Economics

Lectures: Tu-Th 5:00-7:50 PM Center Hall 119
Prof. Augusto Nieto Barthaburu
Email: anieto@weber.ucsd.edu
Office Hours: Monday 3:00-5:00 PM
Office: Economics Bld. #113
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Text

• Required Text: Tom Tietenberg, *Environmental and Natural Resource Economics* (ENRE), Seventh Edition, Boston: Pearson Addison Wesley, 2005.

This text is a comprehensive introduction to environmental issues in economics. We will follow the book closely during the course. It is important that you read the corresponding chapters BEFORE each lecture.

Course Description

The purpose of this course is to provide an introduction to environmental issues from an economic perspective. In the first part of the course we will introduce economic tools that will be useful to think about environmental economics problems. The second part of the course will deal with efficient exploitation of depletable and renewable natural resources. The third part of the course will address important issues regarding air and water pollution.

Grading

Midterm: 40%
Final: 60%

The midterm will be in lecture time on Tuesday, July 17. There will be **absolutely no makeup exams**. If you have to miss the midterm **for a medical or another University approved reason**, the weight will be allocated to the final exam. In that case, you will need to provide a proof of your situation. The weights will not be reallocated for any other reason.

The final exam will be in lecture time on Thursday, August 2. All students must take the final exam at the scheduled date and time, so if you have any conflicts with other exams you are advised not to take this course (or the other courses that this course's exam conflicts with).

Homework

Homework will be assigned but not collected. Solutions for each problem set will be provided at the course's web site. It is very important that you work on the problem sets and understand them, since they are the best preparation for the exams.

Teaching Assistants

Name	Email	Location	Office Hours
Tong, Patricia	pktong@ucsd.edu	Sequoyah Hall 225	Tue. 10:00-12:00 PM
Song, Suyong	s7song@ucsd.edu	Economics Bld. 119	Wed. 9:00-11:00 AM
Hahn, Youjin	yohahn@ucsd.edu	Economics Bld. 118	Thu. 2:30-4:30 PM

COURSE OUTLINE

PART I: Economic Tools

Topic 1: Introduction

ENRE, Chapter 1

Topic 2: Valuing the Environment

ENRE, Chapters 2 and 3

Topic 3: Externalities and Property Rights

ENRE, Chapter 4

Topic 4: Sustainable Development

ENRE, Chapter 5

PART II: Depletable and Renewable Natural Resources

Topic 5: Overview

ENRE, Chapter 7

Topic 6: Depletable, Nonrecyclable Resources

ENRE, Chapter 8

Topic 7: Replenishable, but Depletable Resources

ENRE, Chapter 10

Topic 8: Storable, Renewable Resources

ENRE, Chapter 12

Topic 9: Renewable Common-Pool Resources

ENRE, Chapter 13

Topic 10: Resource Scarcity

ENRE, Chapter 14

PART III: Air and Water Pollution

Topic 11: Overview

ENRE, Chapter 15

Topic 12: Stationary Source Pollution

ENRE, Chapter 16

Topic 13: Regional and Global Pollution

ENRE, Chapter 17

Topic 14: Mobile Source Pollution

ENRE, Chapter 18

Topic 15: Water Pollution

ENRE, Chapter 19