

DERS BİLGİLERİ FORMU	
Dersi Açan Fakülte/ Enstitü	İktisadi ve İdari Bilimler Fakültesi
Dersi Açan Bölüm/ Ana Bilim Dalı	İktisat
Dersin Kodu	İKT 418
Dersin Adı	Environmental Economics
Öğretim Dili	İngilizce
Dersi Alan Programlar	İktisat ve Önkoşulu Sağlayan Diğer Bölümler
Ders Türü	Elective
Dersin Seviyesi	Undergraduate 4
AKTS Kredisi	6
Ön Koşullar	İKT 213 Microeconomic Theory I
Dersin İçeriği	Traditional and market based solutions to environmental problems, taxation, subsidy, emission trading. Analytical Tools for Environmental Planning: environmental risk, benefit-cost analysis. Air: air quality, stationary and mobile sources, global air quality, policies for Ozone depletion and global warming, Water: water quality, point and non-point pollution sources, pollution control and management. Solid Wastes and Toxic Substances: municipal solid waste, controlling pesticides and toxic chemicals. Global Environmental Management: sustainable development, international trade and international agreements, industrial ecology and pollution prevention. Environment and Development. Environmental Problems and Policies in Turkey.
Dersin Amacı	Understanding the relationship between the environment, natural resources, ecology and economics. Gaining knowledge and developing skills to analyze environmental problems via economic theories and methods.
Dersin Kazanımları	1. Students will learn various topics in environmental economics; 2. Students will develop skills of using economic theories, approaches and methods to understand the interaction between economy and the environment.
Ders Kitabı ve/veya Kaynaklar	(TC) Environmental Economics, Applications, Policy and Theory, by J. M. Thomas and S. J. Callan, Thomson South-Western, Canada, (2007). (T) Environmental and Natural Resource Economics, by T. Tietenberg, Pearson, Addison Wesley Publishers, Seventh Edition, USA, (2006).
Değerlendirme Ölçütleri	Katkı payı
Devam	
Laboratuvar	
Uygulama	
Alan Çalışması	
Ödev	
Sunum	
Projeler	55%
Seminer	
Ara Sınavlar	45%
Quiz	
Final	
Toplam	100%
Ders Planı	Tartışılacak/ İşlenecek Konular
1. Hafta	(TC Ch1) Introduction (TC Ch2) The Role of Economics in Environmental Management (TC Ch3) Modeling the Market Process, Economic Criteria of Market Efficiency
2. Hafta	(TC Ch4) Modeling Market Failure: Environmental Quality-A Public Good, Market Failure with Public Goods and Environmental Problems-Externalities, Market Failure with Externalities The Coase Theorem, Environmental Resources and the Problem of Commons
3. Hafta	(TC Ch5) Conventional Solutions to Environmental Problems: The Command-and-Control Approach
4. Hafta	(TC Ch5) Conventional Solutions to Environmental Problems: The Market Approach
5. Hafta	(TC Ch7) Environmental Risk Analysis (TC Ch8) Assessing Benefits for Environmental Decision Making
6. Hafta	(TC Ch9) Assessing Cost for Environmental Decision Making (TC Ch10) Benefit-Cost Analysis in Environmental Decision Making
7. Hafta	(T Ch16; TC ch13) Stationary-Source Local Air Pollution
8. Hafta	(T Ch17; TC Ch14) Regional and Global Air Pollutants: Acid Rain and Atmospheric Modification (Ozone Depletion and Climate Change) (T Ch18, TC Ch12) Mobile Source Air Pollution
9. Hafta	(T Ch19; TC Ch 16-18) Water Pollution
10. Hafta	(T Ch20; TC Ch 18-20) Toxic Substances and Solid Waste
11. Hafta	(T Ch21) Environmental Justice Discounting the Future Environmental Ethics Ethical and Spiritual Dimensions of Environmental Exploitation
12. Hafta	(T Ch22) Development, Poverty and the Environment Development, Preservation and Conservation The Environment and Developing Countries
13. Hafta	(T Ch23; TC Ch21) The Quest for Sustainable Development The Sustainability Debate (TC Ch22) Sustainable Approaches: Industrial Ecology, Pollution Prevention