

Environmental Economics Third Canadian Edition

Environmental Economics explores the ways in which economic theory and its applications, as practised and taught today, must be modified to explicitly accommodate the goal of sustainability and the vital role played by environmental capital. Pivoting around the first and second laws of thermodynamics, as well as the principles of ecological resilience, this book is divided into five key parts, which includes extensive coverage of environmental microeconomics and macroeconomics. It drills down into issues and challenges including consumer demand; production and supply; market organisation; renewable and non-renewable resources; environmental valuation; macroeconomic stabilisation, and international trade and globalisation. Drawing on case studies from forestry, water, soil, air quality, and mining, this book will equip readers with skills that enable the analyses of environmental and economic policy issues with a specific focus on the sustainability of the economy. Rich in pedagogical features, including key concepts boxes and review questions at the end of each chapter, this book will be a vital resource for upperlevel undergraduate and postgraduate students studying not only environmental economics/ecological economics but also economics in general.

This title was first published in 2002: The interrelationship between international trade and the environment has become the subject of much heated debate. These complex and strong concerns are given voice in this comprehensive and accessible text that brings together the leading journal articles dealing with the fundamental questions about this most important international problem. International Trade and the Environment offers an invaluable source of contemporary international research for all those researching, studying or practicing across the fields of international trade, environmental economics, applied microeconomics and other related areas.

This book presents selected papers on Business Management and Technology, focusing on recent research in Business, Optimization, Technology, and Global Issues. Organized in four broad tracks, papers examine Management Challenges in Today’s Industry, especially concerning changes in customer demands; Optimization Challenges in Today’s Business, looking at efficiency and effectiveness in providing goods and services at affordable prices; Innovation in Hospitality and Tourism; and Technological Challenges in the Era of Globalization. The book covers both production systems and service systems, including the growing area of Information Technology, and also looks at the quality of work life in various sectors of business. It presents a balanced blend of theoretical and practical papers.

This book highlights the latest research in the field of Sustainable Aviation. In recent decades, there have been considerable improvements in aircraft efficiency and noise reduction. However, with the demand for both passenger and freight transportation expected to increase significantly in future years, the aviation sector is becoming a growing source of environmental problems and a major contributor to global warming. Focusing on the need to address this mounting problem, this book discusses important new trends and outlines likely future developments in carbon emission reduction, carbon trading, and the impact of emerging technologies, as well as social, legal, and regulatory changes as they pertain to the aviation sector. The book offers an invaluable reference guide for practitioners, regulators, academics, and students alike, in fields ranging from business and engineering to the social sciences. It can be used as a textbook, and will benefit anyone interested in the future of aviation and our planet.

Encyclopedia of Energy, Natural Resource, and Environmental Economics

Energy Economics

Essays in Energy and Environmental Economics

Study Guide for Use with Principles of Microeconomics, Third Canadian Edition

An Interactive Introduction

Handbook of Environmental Economics

With interest in topics such as climate change, energy security, and alternative energy sources being at an all-time high, the effects of today’s decisions now rest on the shoulders of future generations. There are no easy answers to our energy issues, so costs and benefits must be considered when evaluating all energy alternatives; alongside that, prices must be right and need to reflect the full social costs to society of a given source of energy. Energy Economics outlines the fundamental issues and possible solutions to the challenges of energy production and use, and presents a framework for energy decisions based upon sound economic analysis. It considers market forces and policy goals, including economic prosperity, environmental protection, and other considerations that affect societal well-being. This book focuses on both energy choices and the impact of these choices on market performance, environmental conditions, and sustainability. The initial section covers the fundamental economic concepts for analyzing energy markets. Following this, a detailed analysis of established energy sources, specifically fossil fuels and nuclear energy, leads into consideration of energy alternatives such as renewable energy and next-generation alternatives. Electricity production and regulatory trends are covered in depth. The final section considers policy: environmental considerations, sustainability, and energy security. The concluding chapter is a comprehensive vision for our energy future.

Drawing on current energy headlines, perspectives familiar from the popular press, and views outside economics, this text sharpens students’ ability to understand, evaluate, and critique policy using appropriate economic analysis. The text builds a foundation that culminates in a view of a comprehensive energy policy that improves upon the vacillations of past decades.

This work asks why market instruments have not been used to their full potential in environmental policy. It uses a public choice perspective to analyse the political economy of environmental policy, emphasising the role of interest groups which have blocked the introduction of market instruments.

Recent years have witnessed considerable consolidation between the disciplines of environmental and ecological economics at research level, but until now textbooks in the area have done little to reflect this. Ahmed Hussen’s book is to date the only one to reconcile the two standpoints. The central focus of the book will continue to be on this systematic integration of both mainstream and ecological approaches to environmental economics, and an acknowledgement that enduring solutions to major contemporary environmental challenges can be obtained through studies based on a well-conceived and balanced interdisciplinary approach. However, this third edition also contains much that is new. Chiefly, brand new chapters appear covering the following topics: The economics of climate change The economics of biodiversity and ecosystem services ‘Green’ accounting and alternative economic and social indicators of sustainability The business case for environmental sustainability An Appendix that provides a brief historical account of the development of ecological economics The result is a comprehensive introduction to the main facets of environmental and ecological economics — a text that boldly refuses to put up barriers between disciplines and takes a holistic approach to vital issues. This student-friendly textbook contains a variety of study tools including learning points, boxed features, case studies, revision questions and discussion questions, and an Appendix that provides students with a review of basic economic principles relevant to the study of the environment and its management. Written in a clear and accessible style, this book will prove an excellent choice for introducing both students and academics to the world of environmental economics.

"Academics, economists and policymakers involved in the climate change debate will find this succinct yet comprehensive analysis of the economic instruments available for mitigating climate change to be essential reading."--BOOK JACKET.

Sustainable Aviation

Study Guide to Accompany Economics, Third Canadian Edition

A Contemporary Approach

Energy Transition, Climate Change, and COVID-19

Environmental and Natural Resource Economics

Emerging Challenges in Business, Optimization, Technology, and Industry

This volume provides an up-to-the-minute review of the open economy approach to analysing environmental problems and policies, which has produced a wealth of research over the past decade. It contains non-technical, issue-oriented, and comprehensive surveys written by specialists in international and environmental economics. The volume will appeal to scholars and students of economics and political science.

This volume analyzes the impacts of the COVID-19 pandemic on energy transition and climate change from an economic perspective. Since its emergence in early 2020, the COVID-19 pandemic has had a powerful effect on multiple facets of the global economy. The unknown scope and duration of the pandemic and its associated economic shocks have made energy security and the process of clean energy transition highly unpredictable. To combat this, this edited volume presents a wide range of theoretical and empirical research at the nexus of the COVID-19 pandemic and energy, resource, and environmental economics. Chapters focus on four major themes: the impact of crises on energy security, the role of resilient energy systems in society, the challenges of clean energy transition, and economic impacts of COVID-19 on climate change. Providing rigorous analysis of an evolving situation that will continue to impact the global energy market, this volume will be of interest to researchers and students of energy economics, environmental economics, and resource economics as well as policy professionals involved in climate change and energy transition.

This report is a socioeconomic and political analysis of environmental sustainability in terms of the present state of the environment, what we can do to reverse the negative trends, and what the current and potential barriers are. First, it offers a background of the issue through a historical perspective. How we got here has a lot to do with how previous generations behaved towards the environment. Similarly, how we behave will determine the kind of environment future generations will have to contend with. It looks at the dynamics likely to impact the balance of nature. Also, because understanding what is biodiversity and why is it important are essential in order to grasp the concept of sustainability, this report looks at the types of ecosystems that form the biosphere and brings an answer to this important question, “Is the Maximum sustainable yield (MSY) concept a fallacy?” Moreover, the importance of cities is a key factor in environmental sustainability. So, the report shows the pros and cons of cities in both the preservation of the environment and the conservation of its biodiversity. The social, economic, and political analyses use the latest data and views from experts, scientists, and scholars alike and also the views of the common people. The result is that all three levels have positives and negatives and so, none of them should be individually prioritized over the other two. To tackle this dilemma, the report offers an alternative: an inclusive, pluralistic, and global approach which aims at motivating all stakeholders – from rich and poor countries – and people from all walks of life to work together towards a common goal and common interests. Such an approach, says the report should be bottom-up instead of top-down, that is, the needs of local populations, especially those closer to biodiversity, must come first before those of large corporations. However, while in the present and short terms, this approach may be successful, in the long term or a distant future, there are reasons to be skeptical for the environment is constantly changing and generations are different from one another. And that is very important because what constitutes the cornerstone of environmental sustainability is this: the present use of natural resources should not be harmful to future generations. Therefore, the report looks into the future. While acknowledging that, in terms of environmental sustainability, predicting the future is a daunting task – because it is better to think that the future is now – the report shows how we can prepare a soft landing for our great grand-children by laying the groundwork for them. We can accomplish this last task because we still have time.

This book explains the basic concepts of environmental ethics and applies them to global environmental problems. The author concisely introduces basic moral theories, discusses how these theories can be extended to consider the non-human world, and examines how environmental ethics interacts with modern society’s economic approach to the environment. Online multiple-choice questions encourage the reader’s active learning.

Economics of Environmental Conservation

Natural Resource and Environmental Economics

Foundations for the Economy of Tomorrow

International Trade and the Environment

Principles of Environmental Economics and Sustainability

A Public Choice Approach to Market Instruments

This book provides an insightful and critical assessment of the state of Canadian water governance and policy. It adopts a multidisciplinary variety of perspectives and considers local, basin, provincial and national scales. Canada’s leading authorities from the social sciences, life and natural sciences address pressing water issues in a non-technical language, making them accessible to a wide audience. Even though Canada is seen as a water-rich country, with 7% of the world’s reliable flow of freshwater and many of the world’s largest rivers, the country nevertheless faces a number of significant water-related challenges, stemming in part from supply-demand imbalances but also a range of water quality issues. Against the backdrop of a water policy landscape that has changed significantly in recent years, this book therefore seeks to examine water-related issues that are not only important for the future of Canadian water management but also provide insights into transboundary management, non-market valuation of water, decentralized governance methods, the growing importance of the role of First Nations peoples, and other topics in water management that are vital to many jurisdictions globally. The book also presents forward-looking approaches such as resilience theory and geomatics to shed light on emerging water issues.

Researchers, students and those directly involved in the management of Canadian waters will find this book a valuable source of insight. In addition, this book will appeal to policy analysts, people concerned about Canadian water resources specifically as well as global water issues.

Issues related to environmental protection and trade liberalization have moved to the forefront of international policy agendas. The Economics of International Trade and the Environment explores - from an economic standpoint - many of the questions that are germane in increasing our knowledge of environmental policy in the presence of international

This dissertation consists of three essays in Energy and Environmental Economics. In the first chapter, an empirical analysis is employed to examine the relationship between energy consumption and economic output in Canada. Using provincial-level Canadian records, this chapter shows that there is a long run equilibrium relationship and a bi-directional Granger causality between energy consumption and economic growth in Canada. These finding have important implications for public policy because they show that constraints on energy consumption may impact future economic growth. In the second chapter, event study methodology and Canadian stock market data are used to assess the impact of seven recent event/announcements regarding the pipelines approval process on the equity returns of energy-related firms. This chapter shows that there is no market reaction (on average) to any of the news events, which implies two possible scenarios: either the market fully anticipated the events and they did not contain any significant new information or these events did not change investor’s expectation regarding future profitability and cash flow of Canadian energy firms. In the third chapter, we use a prediction market mechanism to examine the possibility of using derivatives trading as a means of generating objective forecasts of future climate change and the value of marginal damages. This chapter shows that such a market can yield unbiased estimates of the true future climate state. Also, we find that the level of consensus about climate science strongly influences the efficiency with which market uses available information.

This work presents recent work on ecological economics, sustainability, poverty, resource degradation and decision-making under uncertainty. It explores the allocation of resources in jointly-determined ecological-economic systems.

A Survey of the Issues

Theory and Policy in Equilibrium

Why International Accords Fail

Economics of the Environment

Concepts, Methods and Policies

Economics of Ecological Resources

Every decision about energy involves its price and cost. The price of gasoline and the cost of buying from foreign producers; the price of nuclear and hydroelectricity and the costs to our ecosystems; the price of electricity from coal-fired plants and the cost to the atmosphere. Giving life to inventions, lifestyle changes, geopolitical shifts, and things in-between, energy economics is of high interest to Academia, Corporations and Governments. For economists, energy economics is one of three subdisciplines which, taken together, compose an economic approach to the exploitation and preservation of natural resources: energy economics, which focuses on energy-related subjects such as renewable energy, hydropower, nuclear power, and the political economy of energy resource economics, which covers subjects in land and water use, such as mining, fisheries, agriculture, and forests environmental economics, which takes a broader view of natural resources through economic concepts such as risk, valuation, regulation, and distribution Although the three are closely related, they are not often presented as an integrated whole. This Encyclopedia has done just that by unifying these fields into a high-quality and unique overview. The only reference work that codifies the relationships among the three subdisciplines: energy economics, resource economics and environmental economics. Understanding these relationships just became simpler! Nobel Prize Winning Editor-in-Chief (joint recipient 2007 Peace Prize), Jason Shogren, has demonstrated excellent team work again, by coordinating and steering his Editorial Board to produce a cohesive work that guides the user seamlessly through the diverse topics This work contains in equal parts information from and about business, academic, and government perspectives and is intended to serve as a tool for unifying and systematizing research and analysis in business, universities, and government

As businesses face an increasing array of environmental challenges, including climate change, air and water pollution, and solid waste management, environmental management has become an increasingly important area of expertise. Elements of Environmental Management is an interdisciplinary textbook for students and business professionals that integrates corporate environmental strategy with environmental economics, environmental law, and environmental engineering. Written by Werner Antweiler, an expert on international trade and environmental economics, Elements of Environmental Management approaches environmental issues from a business perspective: How can businesses respond to public policies and regulatory requirements? How does emission trading work? What technological options are available to prevent or mitigate pollution? Using examples from a wide range of industries, Antweiler presents the essential tools for examining environmental problems from a business perspective.

This volume presents the key ideas of major figures in economics throughout history, covering issues such as population growth, resource scarcity and environmental contamination.

The tools of environmental economics guide policymakers as they weigh development against nature, present against future, and certain benefits against uncertain consequences. From reluctant-but-necessary calculations of the value of life, to quandaries over profits at the environment’s expense, the policies and research findings explained in this textbook are relevant to decisions made daily by individuals, firms, and governments. The fourth edition of Environmental Economics and Natural Resource Management pairs the user-friendly approaches of the previous editions with the latest developments in the field. A story-based narrative delivers clear, concise coverage of contemporary policy initiatives. To promote environmental and economic literacy, we have added even more visual aids, including color photographs and diagrams unmatched in other texts. Ancillaries include an Instructor’s Guide with answers to all of the practice problems and downloadable slides of figures and tables from the book. The economy is a subset of the environment, from which resources are obtained, workers and consumers receive sustenance, and life begins. Energy prices and environmental calamities constrain economic growth and the quality of life. The same can be said about overly restrictive environmental policies. It is with an appreciation for the weighty influence of this discipline, and the importance of conveying it to students, that this textbook is crafted.

Greening the Flight Path

The Economics of Environmental Regulation

An Integrated Economic and Ecological Approach

Sustainability Principles and Practice

The Broadview Anthology of Expository Prose - Third Canadian Edition

Climate Change Economics

Environmental Economics in Theory and Practice provides a thorough and coherent review and discussion of environmental economics. It is a guide to the most important areas of natural resource and environmental economics, including the economics of non-renewable and renewable resource extraction, the economics of pollution control, the application of cost-benefit analysis to the environment, and the economics of sustainable development. The book concentrates on key elements of economic theory, and shows how they can be applied to real-world problems. Particular emphasis is placed on analyzing recent empirical studies from all over the world along with in-depth coverage of various economic models. Each chapter develops the main theoretical results and recent analytic techniques necessary for understanding applications. Throughout the book, results are presented in words, graphs, and mathematical models; brief technical notes inform readers about optimal control theory, the Kuhn-Tucker conditions, game theory, and linear programming. Moving through the laws of thermodynamics to an analysis of market failure, the book turns to the economics of natural resources and pollution control. It concludes with an examination of environmental cost-benefit analysis and sustainable development. A comprehensive text, it is particularly suitable for use in advanced undergraduate and graduate courses in environmental and resource economics. Because of up-to-date coverage, it will also be of interest to professionals working in resource and environmental economics.

Natural Resource and Environmental Economics provides a comprehensive and clear account of the application of economic analysis to environmental issues. New features in this edition: sustainability as an organising theme; a new chapter on forestry and management for multiple use, including biodiversity conservation; a new chapter on irreversibility risk and uncertainty; extended coverage of environmental valuation theory and practice; extended discussion of pollution control with more attention to the spatial dimensions of the problem; and environmental accounting theory and practice related to sustainability.

Barry Field's Environmental Economics, 3e, examines all the facets of the connection between environmental quality and the economic behavior of individuals and groups of people. The book contains 21 chapters covering Cost and Benefits of Environmental Policy, Environmental Analysis, Policy Analysis, US Policy (Air Pollution, Toxic Wastes, State and Local Issues), and International Environmental Issues. Barry Field's other text with McGraw-Hill/Irwin, Natural Resource Economics (© 2001), may be packaged with Environmental Economics, 3e, at a discount.

This text provides an analysis and investigation of the most essential areas of environmental theory and policy, including international environmental problems. The approach is based on standard theoretical tools, in particular equilibrium analysis, and aims to demonstrate how economic principles can help to understand environmental issues and guide policymakers. Current topics including climate change, overfishing and integrated approaches to environmental policies are carefully analyzed in this framework, and a multitude of practical examples from various parts of the world is presented.

Issues in Environmental Economics, Engineering, and Technology: 2013 Edition

Selected Essays

The Economics of International Trade and the Environment

Economic Impacts of the Pandemic

International Environmental Economics

This fully updated and comprehensively revised edition of a classic text concentrates on the economics of conserving the living environment. It begins by covering the ethical foundations and basic economic paradigms' essential for understanding and assessing ecological economics. General strategies for global environmental conservation, policies for government intervention, developing countries, preserving wildlife and biodiversity, open-access to and common property in natural resources, conservation of natural areas, forestry, agriculture and the environment, tourism, sustainable development and demographic change are also all covered. This second edition deals with contemporary environmental policy issues that can be expected to be of lasting concern and importance - each chapter benefiting from either the addition of substantial sections of new material, valuable explanations or updates and revisions in light of developments in theory or world events and conditions. Updated techniques of economic analysis are also introduced, explained simply, and applied as appropriate. Economics of Environmental Conservation, Second Edition is written in an engaging and accessible manner and as such will be warmly received by both specialists and non-specialists in economics. It will find a wide readership amongst academics and policymakers in the fields of ecological, environmental and natural resource economics as well as those involved in development studies, environmental management and science, and conservation ecology and biology. Particular chapters will be of interest to those in tourism studies, agriculture, wildlife management and forestry

Harris and Roach present a compact and accessible presentation of the core environmental and resource topics and more, with analytical rigor as well as engaging examples and policy discussions. They take a broad approach to theoretical analysis, using both standard economic and ecological analyses, and developing these both from theoretical and practical points of view. It assumes a background in basic economics, but offers brief review sections on important micro and macroeconomic concepts, as well as appendices with more advanced and technical material. Extensive instructor and student support materials, including PowerPoint slides, data updates, and student exercises are provided.

Opportunities and Challenges for Environmental Sustainability: A Socioeconomic and Political AnalysisFritz Dufour

This textbook provides a concise introduction to micro- and macroeconomics and demonstrates how economic tools and approaches can be used to analyze environmental issues. Written in an accessible style without compromising depth of the analysis, central issues in the public policy debate on environmental problems and environmental policy are discussed and analyzed from an economics perspective. The book is meant as an introductory (and in some parts intermediate) text for undergraduate students in environmental sciences without a background in economics. It also serves as a companion for economists interested in a presentation of the micro and macro foundations of environmental economics, in a nutshell. The second edition has been revised, updated and extended in many ways, for instance by adding a microeconomic section on environmental technical change, a discussion of the significance of technical change for a sustainable development and a considerably extended macroeconomic section on economic growth.

A Strategic Guide to Micro- and Macroeconomics

Elements of Environmental Management

Economics for Environmental Studies

Water Policy and Governance in Canada

Theory and Policy

History of Environmental Economic Thought

The third Canadian edition of this anthology has been substantially revised and updated for a contemporary audience; a selection of classic essays from earlier eras has been retained, but the emphasis is very much on twenty-first-century expository writing. There is also a focus on issues of great importance in twenty-first-century Canada, such as climate change, the Truth and Reconciliation Commission, the Jian Ghomeshi trial, Facebook, police discrimination, trans rights, and postsecondary education in the humanities. Works of different lengths and levels of difficulty are represented, as are narrative, descriptive and persuasive essays—and, new to this edition, lyric essays. For the new edition there are also considerably more short pieces than ever before: a number of op-ed pieces are included, as are pieces from blogs and from online news sources. The representation of academic writing from several disciplines has been increased—and in some cases the anthology also includes news reports presenting the results of academic research to a general audience. Also new to this edition are essays from a wide range of the most celebrated prose writers of the modern era—from Susan Sontag, Eula Biss, and Michel Foucault to Anne Carson and Ta-Nehisi Coates. The anthology also offers increased diversity of representation—including, for example, a larger proportion of First Nations writers and women writers than previous Canadian editions. Unobtrusive explanatory notes appear at the bottom of the page, and each selection is preceded by a headnote that provides students with information regarding the context in which the piece was written. Each reading is also followed by questions for discussion. A unique feature is the inclusion of a set of additional notes on the anthology's companion website—notes designed to be of particular help to EAL students and/or students who have little familiarity with Canadian culture. The anthology is accompanied by two companion websites. The student website features additional readings and interactive writing exercises (as well as the additional notes). The instructor website provides additional discussion questions and, for a number of the anthology selections, background information that may be of interest.

What can prosperity possibly mean in a world of environmental and social limits? The publication of Prosperity without Growth was a landmark in the sustainability debate. Tim Jackson's piercing challenge to conventional economics openly questioned the most highly prized goal of politicians and economists alike: the continued pursuit of exponential economic growth. Its findings provoked controversy, inspired debate and led to a new wave of research building on its arguments and conclusions. This substantially revised and re-written edition updates those arguments and considerably expands upon them. Jackson demonstrates that building a 'post-growth' economy is a precise, definable and meaningful task. Starting from clear first principles, he sets out the dimensions of that task: the nature of enterprise; the quality of our working lives; the structure of investment; and the role of the money supply. He shows how the economy of tomorrow may be transformed in ways that protect employment, facilitate social investment, reduce inequality and deliver both ecological and financial stability. Seven years after it was first published, Prosperity without Growth is no longer a radical narrative whispered by a marginal fringe, but an essential vision of social progress in a post-crisis world. Fulfilling that vision is simply the most urgent task of our times.

Handbook in Environmental Economics, Volume 4, the latest in this ongoing series, highlights new advances in the field, with this new volume presenting timely chapters on Modeling Ecosystems and Economic Systems, Framing Sustainability Policy Questions: Who Leads – Ecology or Economics?, Valuing Natural Capital Within an Integrated Economic Ecological, Developing Economies, Urbanization, Climate Change and Health, Viewing Environmental Policy Instruments for Domestic and International Perspective, Quasi experimental Estimation of Environmental Policies, Environment Macro, The Rules for Formal and Informal Institutions in Managing Environmental Resources, and How Should Uncertainty Be Integrated into the Methods for Policy Evaluation? Answers key policy questions facing environmental agencies in developed and developing economies Integrates insights from economics and ecology as part of several key chapters Presents the latest on efforts to review and evaluate the new literatures on field and quasi experiments in environmental economics Provides the first substantive review of environmental macro economics

The book interprets nature and the environment as a scarce resource. It offers a theoretical study of the allocation problem and describes different policy approaches to the environmental problem. The entire spectrum of the allocation issue is studied. The author incorporates several economic approaches, including neoclassical analysis, the public goods approach and optimization theory. The different aspects of environmental allocation are studied in the context of a single model that is used throughout the book. The sixth edition includes new sections on ethical aspects of environmental evaluation, and international emission trading and biodiversity.

Study Guide for Baumol, Blinder, and Scarth's Economics, Principles and Policy, Third Canadian Edition

Environmental Economics and Natural Resource Management

Environmental Ethics

Environmental Degradation and Institutional Responses

Environmental Economics

In Theory and Practice

Issues in Environmental Economics, Engineering, and Technology: 2013 Edition is a ScholarlyEditions™ book that delivers timely, authoritative, and comprehensive information about Environmental Economics. The editors have built Issues in Environmental Economics, Engineering, and Technology: 2013 Edition on the vast information databases of ScholarlyNews.™ You can expect the information about Environmental Economics in this book to be deeper than what you can access anywhere else, as well as consistently reliable, authoritative, informed, and relevant. The content of Issues in Environmental Economics, Engineering, and Technology: 2013 Edition has been produced by the world's leading scientists, engineers, analysts, research institutions, and companies. All of the content is from peer-reviewed sources, and all of it is written, assembled, and edited by the editors at ScholarlyEditions™ and available exclusively from us. You now have a source you can cite with authority, confidence, and credibility. More information is available at <http://www.ScholarlyEditions.com/>.

Now in its 4th Edition, this book is a comprehensive and contemporary analysis of the major areas of natural resource and environmental economics. All chapters have been updated in light of new developments and changes in the subject, and provide a balance of theory, applications and examples to give a rigorous grounding in the economic analysis of the resource and environmental issues that are increasingly prominent policy concerns. This text has been written primarily for the specialist market of second and third year undergraduate and postgraduate students of economics. The full text downloaded to your computer With eBooks you can: search for key concepts, words and phrases make highlights and notes as you study share your notes with friends eBooks are downloaded to your computer and accessible either offline through the Bookshelf (available as a free download), available online and also via the iPad and Android apps. Upon purchase, you'll gain instant access to this eBook. Time limit The eBooks products do not have an expiry date. You will continue to access your digital ebook products whilst you have your Bookshelf installed.

A collection of 22 papers published over the past 25 years by Oates (economics, U. of Maryland) on the theory, application, and policy of environmental economics. They cover economic instruments for environmental regulation, taxes and fees for environmental management, the design of systems of tradeable emissions permits, environmental federalism, and open economy environmental economics. Oates introduces the collection with a discussion of the changes in environmental regulation and enforcement since the 1960s and the importance of market approaches in making policy. Annotation copyright by Book News, Inc., Portland, OR

Sustainability Principles and Practice gives an accessible and comprehensive overview of the interdisciplinary field of sustainability. The focus is on furnishing solutions and equipping students with both conceptual understanding and technical skills. Each chapter explores one aspect of the field, first introducing concepts and presenting issues, then supplying tools for working toward solutions. Elements of sustainability are examined piece by piece, and coverage ranges over ecosystems, social equity, environmental justice, food, energy, product life cycles, cities, and more. Techniques for management and measurement as well as case studies from around the world are provided. The 3rd edition includes greater coverage of resilience and systems thinking, an update on the Anthropocene as a formal geological epoch, the latest research from the IPCC, and a greater focus on diversity and social equity, together with new details such as sustainable consumption, textiles recycling, microplastics, and net-zero concepts. The coverage in this edition has been expanded to include issues, solutions, and new case studies from around the world, including Europe, Asia, and the Global South. Chapters include further reading and discussion questions. The book is supported by a companion website with online links, annotated bibliography, glossary, white papers, and additional case studies, together with projects, research problems, and group activities, all of which focus on real-world problem-solving of sustainability issues. This textbook is designed to be used by undergraduate college and university students in sustainability degree programs and other programs in which sustainability is taught.

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The Political Economy of Environmental Policy

Prosperity without Growth

Opportunities and Challenges for Environmental Sustainability: A Socioeconomic and Political Analysis

The Handbook of Environmental Economics focuses on the economics of environmental externalities and environmental public goods. Volume I examines environmental degradation and policy responses from a microeconomic, institutional standpoint. Its perspective is dynamic, including a consideration of the dynamics of natural systems, and global, with attention paid to issues in both rich and poor nations. In addition to chapters on well-established topics such as the theory and practice of pollution regulation, it includes chapters on new areas of environmental economics research related to common property management regimes; population and poverty; mechanism design; political economy of regulation; experimental evaluations of policy instruments; and technological change.