

Environmental Economics Kolstad

'In looking at the effects of ecological tax reform on allocation, this book addresses a very important issue. The results are interesting and have significant policy implications.' - Glenn Feltham, Canadian Tax Journal 'The book contains an excellent analysis of how environment taxation affects large countries that are highly integrated in world capital markets.' - Lans Bovenberg, CPB Netherlands Bureau for Economic Policy Analysis, The Netherlands The twin benefits of improving environmental quality and reducing tax distortions through the recycling of environmental tax proceeds prove an attractive policy objective. This book analyses the use of the double dividend concepts for evaluating ecological tax reforms. The author aims to analyse unilateral environmental policy measures thoroughly and to assess under which conditions a double dividend can be achieved. The analysis is undertaken in the context of international capital mobility and cross-border externalities. He also includes a discussion of an empirically relevant example for an ecological tax reform scenario in Germany - the DIW proposal.

Environmental Economics Oxford University Press, USA

This is a book of uncompromising technical excellence, which does exactly what it promises to do: chart the cutting-edge frontiers of environmental and ecological economics, for the benefit of graduate students, professional academics, and policy making elites. The authors are mostly academic leaders in the field, the topics are hot . . . the contributors make the links between abstract theorizing and the concrete mental framing of issues that is a prerequisite for sound policy design . . . The papers in this collection exhibit rigorous and robust analytical frameworks, presented intuitively in clear words as well as mathematically, and harnessed to wide-ranging up-to-date bibliographies which quickly open the door into recent literature . . . this will be a book to keep on a convenient shelf for reference purposes . . . it is hard to imagine a graduate student reading this book and failing to spot opportunities to colonize new theoretical territory beyond the present frontier, or to explore empirically the areas outlined in these chapters. Geoffrey Bertram, Papers in Regional Science Top European and American scholars contribute to this cutting-edge volume on little-researched areas of environmental and resource economics. Topics include spatial economics, poverty and development, experimental economics, large-scale risk and its management, organizational economics, technological innovation and diffusion and many more. The common thread is the language and methodology of economics, yet the work aims to reach an audience wider than academia; others such as researchers and policymakers, in the public sector, professional staff in research institutes and think tanks, and environmental consultants will all benefit from an awareness of these crucial issues which, if not considered now, will become the problems of the future.

Environmental Markets explains the prospects of using markets to improve environmental quality and resource conservation. No other book focuses on a property rights approach using environmental markets to solve environmental problems. This book compares standard approaches to these problems using governmental management, regulation, taxation, and subsidization with a market-based property rights approach. This approach is applied to land, water, wildlife, fisheries, and air and is compared to governmental solutions. The book concludes by discussing tougher environmental problems such as ocean fisheries and the global atmosphere, emphasizing that neither governmental nor market solutions are a panacea.

Environmental Economics, has established itself as one of its field's most authoritative texts, as well as one of the more challenging. It distinguishes itself from other books by presupposing that readers already have an understanding of intermediate microeconomics. Thus, this book concentrates only on environmental economics - problems of pollution of earth, air, and water - with an emphasis on regulation and private-sector anti-pollution incentives, and coverage of international examples.

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How can we design environmental policy that achieves ambitious ecological goals without burdening society with excessive costs? How can effective international agreements, for example, on global warming, be designed? This textbook discusses issues such as these in an intelligible manner for students. The book uses little mathematical analysis, relying on verbal and graphical analysis.

This book, now in its Second Edition, continues to provide a comprehensive and coherent discussion of environmental economics. The text begins with an overview of the interdependence of economics and the environment. It then focuses on the theories and concepts from mainstream economics and describes how they are applied to environmental issues. The book discusses in detail the issues of market failure, externality and welfare with regard to the environment. It also analyzes population dynamics and its relationship with the environment. The concepts and issues related to natural resources economics and valuation of environmental resources as important part of environmental economics have been dealt with. Finally, the book presents important national and international environmental issues and legislations. The book is specially designed for the undergraduate and postgraduate students of economics. NEW TO THIS EDITION The most obvious change in this second edition is the new chapter entirely focusing on the interaction between economy and environment using the material balance model and examining the nature of environmental problems. It focuses on applying the principles of welfare economics to environment and its role in decision making relating to environmental resource use. KEY FEATURES • Discusses various real-life environmental issues for better understanding of the theory. • Provides a list of assignment topics to encourage the students to gain practical knowledge. • Includes a glossary containing important terms.

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Papers given at a one-day workshop in Santa Barbara, Calif. in 2003--Pref.

Environmental Economics: Theory and Applications is a comprehensive treatise on environmental economics with special focus on theories of collective action, environmental policy and management. A balanced blend of theory and practice, this book outlines the basic concepts, theories, tools and techniques of environmental economics, which not only enable the reader to diagnose the root causes of environmental problems and identify practicable solutions, but also facilitate the design of environmental policy and management strategies. The book combines: - innovative synthesis of concepts, ideas and theories; - presentation in a simple, easy-to-comprehend language and style; - illustrations and examples from real life situations; - latest available research data on various environmental problems, including global warming, acid rain and depletion of the ozone layer; and - special focus on environmental policy and management. Useful as a textbook at graduate and post-graduate levels, it caters to the needs of students, teachers, researchers, environment managers and policy-makers in India.

This book stems from a four-year experience of a Training Programme addressing members of several Chinese governmental Institutions which, given the moment of extremely intense and fast development of their country, consider the issues of environment and sustainable growth among the foremost priorities. In particular, they expressed the need and will to develop policy

The Netherlands, November 1994, hosted by Wageningen Agricultural University and sponsored by NATO Scientific and Environmental Affairs Division. Participants from the USA and a large number of countries in Western, Central and Eastern Europe have participated to discuss the economic aspects of transboundary air pollution and climate change. A number of selected papers have been reviewed and revised on the basis of the comments provided. The editors kindly acknowledge the support of Prof. Charles Kolstad, University of California, Santa Barbara, and Prof. Stef Proost, Center for Economic Studies, Catholic University Leuven, for reviewing several chapters of the book. Also the assistance of several anonymous reviewers is kindly acknowledged. We hope that the book will contribute to a better understanding of the most relevant issues in the area of international policymaking on transboundary pollution and climate change, and that it contributes to further economic analysis in this interesting research area. The topic of transboundary pollution related to climate change, acidification and tropospheric ozone will in the coming decades continue to be relevant for all countries in the world. Ekko van Ierland Kazimierz Gorka Wageningen/Cracow, June 1996 CONTENTS 1 On the Economics of Atmospheric Pollution Ekko van Ierland Wageningen Agricultural University, The Netherlands.

This book should interest all students and scholars of environmental economics and particularly those interested in the relationship between economic growth and environmental quality. 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.

International environmental agreements provide a basis for countries to address ecological problems on a global scale. However, countries are heterogeneous with respect to their economic structures and to the problems relating to the environment that they encounter. Therefore, economic externalities and global environmental conflicts are common and can cause problems in implementation and compliance with international agreements. Economics of International Environmental Agreements illuminates those issues and factors that might cause some countries or firms to take different positions on common problems. This book explores why international environmental agreements deal with some problems successfully but fail with others. The chapters address issues that are global in nature, such as: transboundary pollution, provision of global public goods, individual preferences of inequality-aversion, global cooperation, self-enforcing international environmental agreements, emission standards, abatement costs, environmental quota, technology agreement and adoption and international institutions. They examine the necessary conditions for the improved performance of international environmental agreements, how cooperation among countries can be improved and the incentives that can be created for voluntary compliance with international environmental agreements. This text is of great importance to academics, students and policy makers who are interested in environmental economics, policy and politics, as well as environmental law.

Besides covering the paradigmatic bases of environmental, ecological and natural resource economics, this book discusses the economic dimensions of and approaches to pollution, environmental and ecosystem management, biodiversity, global warming, energy and resource use, and sustainable development.

This textbook provides a solid introduction to the theoretical and empirical aspects of environmental economics, and their links to environmental policy. It advocates drawing on the economist's toolbox as a powerful means of finding solutions to environmental problems by addressing the conflict between the societal costs of pollution on the one hand, and the financial costs of emissions reduction on the other. The book presents the main economic theory approaches to handling environmental problems and assessing the monetary value of environmental quality; the most relevant environmental policy instruments and challenges involved in their effective real-world application; and both national and global environmental problems addressed by environmental negotiations and agreements. Given its scope, the book offers a valuable basis of information for students, and for policymakers pursuing effective environmental policies. This text concentrates solely on environmental economics: the problems of earth, air, and water pollution, with an emphasis on both government and regulation and private-sector anti-pollution incentives. It assumes a knowledge of intermediate microeconomics and basic economics is not reviewed.

A key area of public policy in the last twenty years is the question of how, and how much, to protect the environment. At the heart of this has been the heated debate over the nature of the relationship between economic growth and environmental sustainability. Is environmental sustainability economic growth or 'green growth', a contradiction in terms? Avoiding the confusion that often surrounds these issues, Ekins provides rigorous expositions of the concept of sustainability, integrated environmental and economic accounting, the Environmental Kuznets Curve, the economics of climate change and environmental taxation. Individual chapters are organised as self-contained, state-of-the-art expositions of the core issues of environmental economics, with extensive cross-referencing from one chapter to another, in order to guide the student or policy-maker through these complex problems. Paul Ekins breaks new ground in defining the conditions of compatibility between economic growth and environmental sustainability, and provides measures and criteria by which the environmental sustainability of economic growth, as it occurs in the real world, may be judged. It is argued that 'green growth' is not only theoretically possible but economically achievable and the authors show what environmental and economic policies are required to achieve this. Economic Growth and Environmental Sustainability will be welcomed by students of and researchers in environmental economics and environmental studies, as well as all interested policy-makers.

This important book deals with the essential principles of resource and environmental economics, provides applications to contemporary issues in this field, and outlines and assesses policies being used or proposed for managing the use of environmental and natural resources. Covering specific contemporary topics such as agriculture and the environment, water use, greenhouse gas management, biodiversity conservation, tourism and the environment, and environmental economics and health, leading issues in resource and environmental economics are outlined and analyzed in an innovative manner. Institutional economics (both new and traditional) is applied and compared with other approaches such as neoclassical economics, behavioral economics and the Austrian School of Economics. This heterogeneous, multi-perspective approach enables problems to be considered from several different angles, thus enhancing the reader's comprehension of the subject matter. Furthermore, using minimal technical jargon, the book takes into account aspects of modern economic analysis such as the costs of and constraints on

decision-making and the transaction costs involved in policy implementation.

This major reference book comprises specially commissioned surveys in environmental and resource economics written by an international team of experts. Authoritative yet accessible, each entry provides a state-of-the-art summary of key areas that will be invaluable to researchers, practitioners and advanced students.

The global economy is climbing out from the depths to which it had plummeted during the Great Lockdown in April. But with the COVID-19 pandemic continuing to spread, many countries have slowed reopening and some are reinstating partial lockdowns to protect susceptible populations. While recovery in China has been faster than expected, the global economy's long ascent back to pre-pandemic levels of activity remains prone to setbacks.

An Introduction to the Law and Economics of Environmental Policy emphasises the importance of institutional design in addressing social problems. Three important issues concerning institutional design are: • policies • instruments • enforcement This volume surveys each of the issues, and emphasises the common themes arising in optimal institutional design. These themes include the cost of complex institutional design, and the role of private institutions attaining social objects. This book will be particularly useful to Law Schools, Departments of Government, Policy or Economics, Environmental Managers and Insurance Companies.

'Helm's book is impressive for its combination of rigorous theory in real world contexts . . . highly recommended.' - David Pearce, Environmental and Resource Economics To deal effectively with transboundary environmental problems such as climate change, it is important to have an idea of the model for an 'efficient' and 'fair' policy. An understanding of the strategic interactions involved in the international decision-making process is also essential. Carsten Helm uses rigorous theoretical reasoning and applications to address these issues.

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