

The economic theory and measurement of environmental benefits

PER-OLOV JOHANSSON

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Economic Theory And Measurement Of Environmental Benefits

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The Economic Theory and Measurement of Environmental Benefits Per-Olov Johansson, 1987-10-29 A comprehensive survey of developments in the theory of measurement of welfare is applied to issues relevant to environmental economics in this advanced study

The Economic Theory and Measurement of Environmental Benefits Per-Olov Johansson, 1994 This advanced text in welfare economics provides a comprehensive survey of developments in the theory of measurement of welfare and then applies this theory to environmental economics

The Measurement of Environmental and Resource Values A. Myrick Freeman III, Joseph A. Herriges, Catherine L. Kling, 2014-06-05 The first edition of this important work was the winner of the 2002 Publication of Enduring Quality award by the Association of Environmental and Resource Economists The continuing premise for the book is that estimates of the economic values of environmental and natural resource services are essential for effective policy making As previous editions the third edition which includes two additional co authors presents a comprehensive treatment of the theory and methods involved in estimating environmental benefits Researchers policy makers and practitioners will welcome the work as an up to date reference on recent developments Students will gain a better understanding of the contribution that economics as a discipline can make to decisions concerning pollution control and human health recreation environmental amenities and other critical issues concerning the way we use and interact with environmental and natural resource systems To reflect recent progress in both the theory and practice of non market valuation the third edition includes more details on empirical approaches to measurement expanded discussion of the reasons for divergence between willingness to pay and willingness to accept compensation and increased coverage of econometric issues encountered in estimation In keeping with its cutting edge orientation it also includes more discussion of survey design equilibrium sorting models and the implications of behavioral economics for welfare measurements and benefit cost analysis

The Measurement of Environmental and Resource Values A. Myrick Freeman III, 2010-09-30 First Published in 2003 Routledge is an imprint of Taylor Francis an informa company

Valuation Methods and Policy Making in Environmental Economics H. Folmer, E.C. van Ierland, 1989-05-01 This volume considers in depth some valuation methods and aspects of cost benefit analysis and policy making in environmental economics Part I contains a number of contingent valuation studies for non market assets Part II consists of contributions on the valuation of health and life and deals with the benefits of reduced morbidity from air pollution control In Part III cost benefit analysis for environmental policy making is discussed in a disequilibrium setting and in a macroeconomic context Finally Part IV deals with aspects of policy making particularly benefit estimation for complex policies and the international aspects of transboundary air pollution in Europe The book should not only appeal to students and researchers in university departments of economics and environmental sciences but also to those working in public organisations and associated advisory institutes which are concerned with environmental problems

Environment and Development: An Economic Approach Jan Bojö, Karl-Göran Mäler, Lena

Unemo,2012-12-06 This book is a thoroughly revised text based on a report commissioned by the Swedish International Development Authority SIDA The financial grant from SIDA which made the work possible is hereby gratefully acknowledged We gratefully accepted the offer from Kluwer Academic Publishers to revise the text Hopefully the text can be of interest to decision makers development programme personnel teachers and the general public interested in how economics can contribute to better environmental decision making There are already many books on the market about environmental economics some of them very good What is special about this one We do not claim to have obtained new results but we have our own way of presenting the subject matter In particular we are of the opinion that policy failures are often overlooked as an obstacle to efficient environmental management Although the main emphasis in this book is on project level analysis it is essential that such analyses be linked to an understanding of the disincentives for environmental improvements that general economic and particular environmental policies provide Another essential feature of the book although this is not unique is the links provided between theory and empirical illustrations We hope that this will illustrate to our readers the practical usefulness but also the difficulties of applying economics to environmental problems In principle this book can be read by anyone interested in the subject matter without any formal education in economics However some background in microeconomic theory makes the reading easier Valuing the Environment Jean-Phillipe Barde,David W.

Pearce,2023-05-09 The Pearce Report Blueprint for a Green Economy puts the role which monetary evaluation of environmental costs and benefit can play firmly into the public eye This book goes further and looks at six countries where such evaluation techniques are applied and at the obstacles to their further use The case studies written by leading experts in each nation show how these methods are being taken up in the UK Norway and Italy and the ways in which they are already extensively in use in the USA Germany and the Netherlands The authors also describe the obstacles to their use the lack of knowledge of environmental economics at government level the competition from other government priorities the failure of environmental groups to grasp the importance of financial evaluation to their cause But as this book makes clear significant advances are being made both in the implementation of these economic techniques and above all in striking and yet further developments in economic thinking **Economic Values and the Natural World** David William Pearce,Jules

N. Pretty,1993 The author looks at the challenge facing agriculture today and details the concepts and characteristics of alternative sustainable agricultural practices Empirical evidence from a diverse range of agro ecological and community setting show the impact of more sustainable practices In addition existing policy frameworks and institutional processes are considered and alternatives which are known to work are presented **Valuing the Environment in Developing**

Countries David Pearce,Corin Pearce,Charles Palmer,2002-01-01 The substantial and growing interest in the monetary valuation of preferences for environmental improvement and against environmental damage has prompted a demand for case studies illustrating methodologies and applications of valuation techniques In this book the first of two volumes the authors

provide detailed case studies of valuation techniques that have been used in developing countries They demonstrate that valuation works and that it can yield significant insights into policy relevant issues regarding conservation and economic development The authors address a whole range of environmental issues under the broad themes of water and air quality biological diversity and forest functions The economic approaches covered include contingent valuation hedonic property prices travel cost methodologies and benefits transfer They also go on to look at the idea of extending national accounts to reflect changes in environmental assets Examples of the varied and interesting case studies include valuing improvements to sanitation in Malaysia the value of visits to game parks in South Africa and tropical forest values in Mexico They highlight how valuation techniques can be applied often with limited resources to critical development issues Academics and practitioners of environmental economics will draw great value from this unique and original work as will the many multilateral and bilateral aid agencies The book will also prove a valuable addition to graduate and undergraduate courses in environmental economics where there is a need for case material

Conservation de la Forêt Dense en Afrique

Centrale Et de L'Ouest Kevin M. Cleaver,1992 This volume brings together selected papers presented and discussed at the Conference on Conservation of West and Central African Rainforests held in Abidjan November 5 9 1990 *Companion to Contemporary Economic Thought* Michael Bleaney,David Greenaway,Dr Ian Stewart,Ian Stewart,1992-01-09 41 in depth essays cover current economic theory and applied economics in a single comprehensive volume Interfaces section considers economics as it relates to other disciplines Extensive notes bibliographies and suggestions for further reading detailed index of Topics and People A treasure house of stimulating argument and vast amounts of mostly well marshalled information The market for general survey volumes while already crowded should surely find room for this offering The World Economy The work under review scores very high marks The Economic Journal The chapters are written by people who are excellently qualified and frequently well known in their field The book s strengths lie in the range of contributors the very high quality of most of the contributors and its emphasis on applied economics For these reasons alone it is an important book which will be invaluable both to students and to economists wishing to learn about developments in other branches of their discipline

Economica Long Term Control of Exhaustible Resources P. Lasserre,2013-09-27 This title is concerned with the issue of long term depletion of non renewable natural resources

Tourism and Sustainable Economic Development

Amedeo Fossati,Giorgio Panella,2012-12-06 For many countries tourism is an industry of great economic significance it is seen as a main instrument for regional development as it stimulates new economic activities Tourism may have a positive economic impact on the balance of payments on employment on gross income and production but it may also have negative effects particularly on the environment Questions arise as to whether it is possible to keep on developing tourism in a certain area without negative or irreversible influences on the environment Tourism and Sustainable Economic Development provides a theoretical framework for these problems as well as practical illustrations on the following topics the conditions

under which specialization in tourism is not harmful for economic growth the trade offs if any between tourism development and economic growth the need for government intervention and the various policy options and instruments available to policy makers The book comprises two parts The first part presents general views on tourism and sustainable economic development and some opinions on the relationship between tourism and the environment Some of the basic concepts implicit in sustainability are examined in relation to regional development urban tourism art cities and rural tourism The second part of the book concentrates on strategies and policy instruments The purpose is to concisely define and bring together some policies which appear to be necessary and whose implementation is required if we are to reconcile tourism development with the protection and conservation of the environment Some analytical tools for policy making with regard to tourism and the environment are developed As will become clear there are many gaps in our knowledge that need to be filled if we are to be successful in controlling tourism in a way that puts this important industry onto a sustainable development path

Estimating Economic Values for Nature Vincent Kerry Smith, 1996-06 *Estimating Economic Values for Nature* presents in one volume a collection of V Kerry Smith's papers prepared over 25 years dealing with the theory and practice of non market valuation for environmental resources Taken together the papers explore the conceptual basis the implementation process and empirical performance of all available methods of measuring economic values for the services of nature and how these values are constructed from people's choices The issues discussed in this volume include travel cost recreation demand averting behaviour household production hedonic property value hedonic wage and contingent valuation methods These essays describe what has been learned from past benefit analysis using meta analysis as well as the issues at the frontier of current research in the area This important volume will be welcomed by environmental and public economists as well as practitioners of cost benefit analysis as an authoritative and comprehensive discussion of non market valuation

International Finance in Emerging Markets Songporn Hansanti, Sardar M. N. Islam, Peter Sheehan, 2008-07-22 This book reviews the contemporary issues in international monetary and financial economics such as financial liberalisation crisis exchange rate determination capital control domestic capital market reform etc in an emerging financial market such as Thailand from a welfare economic perspective highlighting the social welfare implications of these issues This 3 book also suggests a normative social approach as formalised in the new welfare economics paradigm see Islam 2001a b for a discussion of this concept for analysing and addressing these issues and formulating appropriate policies Undertaking the above tasks the asymmetric information paradigm 3 and other elements of the new welfare economics paradigm are adapted in analysing the international financial issues of Thailand their causes and economic and social welfare consequences The last two decades have been a critical period for Thailand's development From the mid 1980s to the beginning of the 1990s the Thai economy performed remarkably well and was a showcase for the world economy Having achieved a double digit growth rate for a brief period Thailand in the late 1980s was regarded as the fastest growing economy in the world by the World

Bank and the IMF With prospects of further rapid economic growth the Thai government accepted Article VIII of the IMF which required Thailand to liberalise and deregulate its financial system **Cost-Benefit Analysis for Project Appraisal** Per-Olov Johansson, Bengt Kriström, 2016 This book uses modern economic tools to obtain general equilibrium cost benefit rules It not only presents evaluation rules for small projects but also shows how to evaluate large projects as well as mega projects such as high speed rails and channel tunnels This is an excellent toolkit for graduate students and policymakers

Trading with the Environment Thomas Andersson, Carl Folke, Stefan Nystrom, 2013-11-26 Should there be firmer restrictions on trade with more policies aimed at protecting its environmental impacts or would the environment benefit most from unrestricted free trade Do importing countries have a responsibility only to their local ecosystems or are they also responsible for environmental degradation caused by the production of traded goods in exporting countries *Trading the Environment* examines both the dependence and the effects of international trade on the earth's life support systems and looks at ways in which trading regulations could be adapted to promote ecologically sustainable economic development It addresses the issues from a fully integrated approach focusing on the interrelations between ecosystems economic development and trade The authors provide a carefully constructed ecological and economic analysis of trade and the environment examine the existing legal and institutional frameworks and set out 16 recommendations to achieve environment beneficial trade at both national and international levels *Trading with the environment* was originally commissioned by the Swedish government and is already regarded thereon essential reference It makes an excellent introduction as well as constructive analysis both for students and for policy makers and professional economics and other scientists working on the issues Published in 1995 **The Moral Weight of Ecology** Edward F. Tverdek, 2015-12-24 If the natural environment is in the precarious state to which many attest what would this demand of us What duties are suggested by the observation that our collective behavior threatens the planet even if no particular individual intends harm Can we legitimately ask those who sincerely hold little or no interest in the long term viability of the earth's ecosphere to value it in the same way as committed environmentalists do and to act accordingly In *The Moral Weight of Ecology* Public Goods Cooperative Duties and Environmental Politics Edward Tverdek engages these questions and ultimately argues that the demands of ecology upon all of us are in fact quite substantial The book is not however another study in environmental ethics examining what it if anything we owe the natural world Rather *The Moral Weight of Ecology* addresses the matter from the perspective of political economy and social choice theory Tverdek seeks to disarm both the intuitive libertarian notion that no one should be compelled to value and contribute toward something for which she has little regard as well as the romantic environmentalist assertion that one cannot assign an economic value to nature We must in some way price the natural world Tverdek argues but how we do so necessarily depends on what we believe would be a fair way to distribute the costs and burdens of maintaining it and these moral beliefs must be antecedent to the consumer preferences economists consider the

raw data for determining the value of the environment Evaluation and Assessment for Conservation Ian Spellerberg, 2013-11-11 Most politicians have jumped on the conservation bandwagon and nobody running for public office these days can afford to take an overtly anti environment stand The fascination that children have for nature the generous donations people make to conservation organizations the votes cast for Green Parties the continuing popularity of zoos and wildlife films and the strong sales of books about the environment all provide evidence to politicians that the general public supports the idea of conservation Conservation has become a major issue for governments No longer is it necessary for conservationists to campaign for getting the cause on the agenda it is already there at least as a talking point The issue now is how to convert this generalized interest into real action And among the many priorities competing for attention how is a government or a private organization to decide what to do first From a very limited budget for budgets will always be limited what is the package of activities that is most likely to lead to the results that the public wants Ian Spellerberg attempts to address these questions which are at the heart of modern conservation action It is relatively easy to prescribe useful activities that will benefit both the environment and the public at large **Valuing the Environment:**

Methodological and Measurement Issues Rüdiger Pethig, 2013-03-14 During the last decades environmental economics as a science has been very successful in improving our understanding of environment economy interdependence Using conventional economic methodology environmental aspects have been explicitly incorporated into economic models making use of the concept of externality This concept was already familiar to economists long before evidence of severe environmental deterioration found its way into the headlines and people's awareness But before that time external effects were not considered as being empirically very relevant they seemed to be like the example of the bees and the fruit trees somewhat bucolic in nature All that changed dramatically when it was no longer possible or easy to ignore the large scale environmental disruption with its negative feedback on consumers and producers caused by growing pollution and excessive use of environmental resources In diagnosing the discrepancy between private and social cost as the cause of the problem the externality paradigm proved very useful The correct diagnosis implies the straightforward cure to internalise all external cost namely the damage cost of pollution But it is one thing to identify the qualitative nature of the problem at an abstract conceptual level and quite another thing to place specific money values on pollution damage and society's valuation of the environment respectively in the context of specific pollution control problems Very often it is controversial not only how inefficient the no policy situation is but also what exactly the net benefit of any public action of reducing pollution is

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