Agrifood Economics and Sustainable Development in Contemporary Society

Ecological Economics and Sustainable Development

At the core of the book is the exploration of contemporary debates over environmental quality, economic growth and sustainable development. Ecological Economics and Sustainable Development: Can economic growth be environmentally sustainable? This crucial question goes right to the heart of environmental economics and is a matter of increasing concern globally. The first edition of this popular title was the first introductory textbook in environmental economics that truly attempted to integrate economics with not only the environment but also ecology. This new version builds and improves upon the popular formula with new material, new examples, new pedagogical features and new questions for discussion. With international case-studies and examples, this book will prove an excellent choice for introducing both students and other academics to the world of environmental economics.

Emerging Issues in Economics and Development

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.

Principles of Environmental Economics There is widespread concern for long-term environmental issues in relation to economic processes and developments. Among the concerned scientists are economists, who have taken up the challenge to apply economic insights and tools for the study of long-term environment-economy interactions, and to give the concept of sustainable development 'economic hands and feet'. This book presents a pluralistic perspective on efforts, problems and successes in this area. This collection of papers was originally prepared for an international symposium titled Economic Modelling of Sustainable Development: Between Theory and Practice, which was hosted by the Vrije Universiteit in Amsterdam, on December 20th 1996. The main motivation for this symposium was that the usefulness of the concept of sustainable development for theoretical and applied modelling is still being debated; growth theorists, resource economists, ecological economists, policy makers and many others are trying to deal with the concept in various, and sometimes conflicting, ways. The aim of the symposium was to bring together different theoretical and implementational perspectives on modelling for sustainable development. We hope that this volume will inform a wide audience about the perspectives and progress in this important area of research, as well as stimulate further research, notably on applied modelling and practical methods for the analysis of sustainable development at various (spatial) scales. The papers have, in due course, been revised several times based on comments made by discussants, referees and the editors.

Economic Evaluation of Sustainable Development The effectiveness and scope of operational analysis of sustainable development is explored in this book. It offers an integrated treatment of theory, methods and applications for economic-ecological analysis taking into consideration all the relationships between economy, development and natural environment.

Economic Theory and Sustainable Development Environmental Economics and Sustainability presents a collection of peer-reviewed research articles contributed by international experts that reveal the current state of our knowledge in the field of environmental economics. Presents the latest research results on a plethora of issues relating to environmental economics and sustainability Features original contributions from top experts in the field from around the world Addresses several of the contemporary challenges of sustainability while infusing new energy into the field of environmental economics Covers myriad topics relating to environmental economics and sustainability including climate change, air pollution, CO2 emissions, recycling, and the international environmental agreement.

Ecological Economics, Second Edition Environmental professionals are often called upon to...
find solutions to environmental degradation problems or to lead the way in planning to prevent them. Because they come mainly from the environmental and science disciplines, most environmental professionals have limited training in the fundamentals of economics. This book is designed to provide those professionals not only with the basic principles of economics for foundational purposes but also the economic pros and cons to consider when making critical decisions on environmental issues. Economics for Environmental Professionals provides a fully explanatory, quantitative, and practical introduction to a wide range of topics that make up the science of environmental economics. Moreover, it showcases the power of economic principles to explain and predict issues and current events impacting the environment. It discusses the economics relevant to the environmental mediums of air, water, and land and provides pertinent information on air toxics, hazardous wastes, and other related topics. It provides environmental professionals with the education not only to understand the nuts and bolts of economic analysis but also to conduct economic analyses. Throughout the book, the author joins economics and environmental practice with common-sense approaches and practical real-world examples. Designed to stimulate thought, the book explores strategies for maintaining a safe environment without excessive regulation and cost. With the information in this book, environmental professionals will have an understanding of the framework in which environmental problems exist, what they cost, how to pay for them, and what the payback is (if any).

Urban and Environmental Economics Economic growth, reflected in increases in national output per capita, makes possible an improved material standard of living and the alleviation of poverty. Sustainable development, popularly and concisely defined as 'meeting the needs of the present generations without compromising the ability of future generations to meet their needs,' directly addresses the utilization of natural resources, the state of the environment, and intergenerational equity. Now in its second edition, Economic Growth and Sustainable Development features expanded discussion of income distribution, social capital and the insights of behavioural economics for climate change mitigation. Boxed case studies have been added which explore the impact of economic growth on people and countries in both the developed and developing world. This text addresses the following fundamental questions: What causes economic growth? Why do some countries grow faster than others? What accounts for the extraordinary growth in the world’s population over the past two centuries? What are the current trends in population and will these trends continue? How do we measure sustainable development and is sustainable development compatible with economic growth? Why is climate change the greatest market failure of all time? What can be done to mitigate climate change and global warming? With a blend of formal models, empirical evidence, history and policy, this text provides a coherent and comprehensive treatment of economic growth and sustainable development. It is suitable for those who study development economics, sustainable development and ecological economics.

Ecology, Sustainable Development and Accounting Cents and Sustainability is a clear-sighted response to the 1987 call by Dr Gro Brundtland in Our Common Future to achieve a new era of economic growth that is 'forceful and at the same time socially and environmentally sustainable'. The Brundtland Report argued that not only was it achievable, but that it was an urgent imperative in order to achieve a transition to sustainable development while significantly reducing poverty and driving 'clean and green' investment. With some still arguing for significantly slowing economic growth in order to reduce pressures on the environment, this new book, Cents and Sustainability, shows that it is possible to reconcile the need for economic growth and environmental sustainability through a strategy to decouple economic growth from environmental pressures, combined with a renewed commitment to achieve significant environmental restoration and poverty reduction. Beginning with a brief overview of some of the most pressing environmental challenges of our time, the book then explains 'decoupling theory', overviews a number of
factors that can undermine and even block efforts to decouple in both developed and developing countries, and then discusses a number of key considerations to assist the development of national 'decoupling strategies'. The book then focuses on presenting evidence to support greater action, not just on climate change, but also on decoupling economic growth from the loss of biodiversity and the deterioration of natural systems, freshwater extraction, waste production, and air pollution. In the lead up to the 2012 United Nations Earth Summit and beyond, Cents and Sustainability will be a crucial guide to inform and assist nations to develop strategies to significantly reduce environmental pressures, strengthen their economy, create jobs and reduce poverty. 'I commend the team from The Natural Edge Project and their partners for undertaking to develop a response to 'Our Common Future' to mark its 20th anniversary.' Dr Gro Brundtland. Sequel to The Natural Advantage of Nations Published with The Natural Edge Project

Economic Development, Climate Change, and the Environment Climate change, biodiversity loss, pollution of land and water, land-use changes, lack of equality and other problems at local, national and global levels represent a challenge for economics as a social science. Mainstream neoclassical economics may be able to contribute to a more sustainable society but it has also played a dominant role in a period where problems have been aggravated. A pluralist and democratic view of economics is therefore very much warranted. This book presents a multidimensional and ideologically more open view of economics: understanding economics in multidimensional terms is in accordance with the 17 sustainable development goals recognized by nations at the UN-level in 2015. Accordingly, approaches to decision making and accounting at the national- and business levels have to be reconsidered. Neoclassical Cost-Benefit Analysis (CBA) with focus on the monetary dimension and an assumed consensus about a specific market ideology to be applied is not compatible with democratic societies where citizen and actors in other roles normally differ with respect to ideological orientation. Environmental Impact Statements and Multi-Criteria methods are used to some extent to broaden approaches to decision-making. In this book, Positional Analysis is advocated as a multidimensional and ideologically open approach. Positional Analysis is based on a political economic conceptual framework (as part of ecological economics) that differs from neoclassical ideas of individuals, firms and markets. And since approaches to decision-making and to accounting are closely connected, a new theoretical perspective in economics similarly raises issues of how national and business accounting can be opened up to meet present demands among various actors in society. This perspective raises also numerous ethical questions at the science and policy interface that need to be properly addressed for sustainability decision making.

Economic Growth and Sustainable Development In the 1970s, the first wave of environmental regulation targeted specific sources of pollutants. In the 1990s, concern is focused not on the ends of pipes or the tops of smokestacks but on sweeping regional and global issues. This landmark volume explores the new industrial ecology, an emerging framework for making environmental factors an integral part of economic and business decision making. Experts on this new frontier explore concepts and applications, including Bringing international law up to par with many national laws to encourage industrial ecology principles. Integrating environmental costs into accounting systems. Understanding design for environment, industrial "metabolism," and sustainable development and how these concepts will affect the behavior of industrial and service firms. The volume looks at negative and positive aspects of technology and addresses treatment of waste as a raw material. This volume will be important to domestic and international policymakers, leaders in business and industry, environmental specialists, and engineers and designers.

Environmental Economics and Sustainable Development Accounting literature has viewed sustainability in terms of social, economic and environmental performances. There have
been concerns that the relationship between sustainability, accounting and organizational performance cannot be explained unless we can deduce patterns of administrative behaviour that chronicle management practices. Ecology, Sustainable Development and Accounting argues that, despite the broader social and economic development dimensions of sustainability and the limitations of its extension to corporate and organizational behaviour; an ecological framework is capable of providing the overall societal and community chronologies that describe corporate sustainable operations. Drawing examples from international development and federal government organizations, this book documents the link between ecology, corporate sustainable development, and sustainability accounting and reporting. It draws together the literature from several disciplines to elaborate the contribution of the ecological approach to sustainable development in the accounting literature. This book will be of particular interest to students, academics and practitioners in the areas of environmental studies, ecological economics, sustainable development studies, and social and environmental accounting. The sociological and anthropological perspectives make this book the first of its kind to apply the population ecology of sociology to both the sustainability and accounting literature.

Environmental Economics For Non-economists: Techniques And Policies For Sustainable Development (2nd Edition) 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.

The Greening of Industrial Ecosystems "Daly is turning economics inside out by putting the earth and its diminishing natural resources at the center of the field . . . a kind of reverse Copernican revolution in economics." --Utne Reader "Considered by most to be the dean of ecological economics, Herman E. Daly elegantly topples many shibboleths in Beyond Growth. Daly challenges the conventional notion that growth is always good, and he bucks environmentalist orthodoxy, arguing that the current focus on 'sustainable development' is misguided and that the phrase itself has become meaningless." --Mother Jones "In Beyond Growth, . . . [Daly] derides the concept of 'sustainable growth' as an oxymoron. . . . Calling Mr. Daly 'an unsung hero,' Robert Goodland, the World Bank's top environmental adviser, says, 'He has been a voice crying in the wilderness.'" --G. Pascal Zachary, The Wall Street Journal "A new book by that most far-seeing and heretical of economists, Herman Daly. For 25 years now, Daly has been thinking through a new economics that accounts for the wealth of nature, the value of community and the necessity for morality." --Donella H. Meadows, Los Angeles Times "For clarity of vision and ecological wisdom Herman Daly has no peer among contemporary economists. . . . Beyond Growth is essential reading." --David W. Orr, Oberlin College "There is no more basic ethical question than the one
Economic Growth and Environmental Sustainability

This book comes at a time when the world is confronted by one of the greatest challenges—the problem of environmental degradation. A collection of articles by renowned economists, scientists, and environmentalists, this book shows that while the state of the environment is intricately linked to economic development, the matter is in fact far more complex. One of the best-known connections is the Environmental Kuznet's Curve hypothesis, the limitations of which, both empirically and theoretically, are dealt with in the early part of the book. This is followed by a discussion on the shortcomings of the Kyoto Protocol and the particular problem of greenhouse gases. The other issues covered are: the negative contribution of environmental pollution; trade liberalization and its impact on the environment of developing countries, both in the short- and long term; alternative energy sources.

OECD Insights Sustainable Development Linking Economy, Society, Environment

This important collection of essays from the leading writers in the field, focuses on the importance of taking environmental issues into account in the process of development and poverty reduction. This book deepens our understanding of environmental sustainability in a context of economic growth, putting sustainable development firmly back on the agenda.

Cents and Sustainability

This clear-thinking collection brings together 25 of Daly's essays, speeches, reviews and testimonials from the past decade. . . as a whole they provide a useful masterclass on the principles of ecological economics. Daly's vision, as well as his frustration with mainstream economists refusal to engage with his arguments, comes through loud and clear. New Scientist It's hard to imagine ecological economics without the numerous and profound contributions of Herman Daly. These papers reveal the consistency of his analysis and clarity of exposition that have made him one of the most influential economists of his generation. Because of Herman Daly we have a much better understanding of how economies relate to the environment, why so much is wrong with this relationship and what must be done to fix it. Peter Victor, York University, Canada This thrilling compilation outlines the origins of the young discipline of ecological economics by the intellectual leader of the movement, Herman Daly. He recounts how, as a member of the recently demoted environment department at the World Bank, he integrated ecology with economics during his six years in the bowels of the beast. Herman lucidly and compellingly combines common sense with profound understanding of both economics and ecology to arrive at sustainable solutions to the global problematique. Herman's rigorous yet compassionate solutions to climate change, peak oil, globalization vs. internationalization, poverty reduction, and the unsung concept of scale leading to uneconomic growth, are precisely what we need to prevent the current liquidation of our beautiful world. This book will galvanize you into the action we need so much. Robert Goodland, Environmental adviser, World Bank Group, 1978 2001 In this book, written in crystal clear style, Herman Daly reiterates the main points of his analysis and vision, he praises some teachers (John Ruskin, Frederick Soddy, Nicholas Georgescu-Roegen, Kenneth Boulding), he fearlessly attacks some adversaries in the World Bank and MIT, and he offers some advice to the government of his own country, to the Russian Duma, and especially to OPEC that, if followed, would change the world very much for the better. Finally, on a different line of thought, he interrogates conservation biologists on their...
reasons for wanting to keep biodiversity since, as biologists, they claim that evolution has no particular purpose. Why not let the Sixth Great Extinction run its course? In other words, science cannot provide an ethics of conservation, which Herman Daly finds in religion more than in democratization deliberations. Joan Martinez-Alier, Universitat Autònoma de Barcelona, Spain Ecological Economics and Sustainable Development comprises a carefully chosen selection of some 25 articles, speeches, congressional testimonies, reviews, and critiques from the last ten years of Herman Daly’s ever-illuminating work. This book seeks to identify the blind spots and errors in standard growth economics, alongside the corrections that ecological economics offers to better guide us toward a sustainable economy one with deeper biophysical and ethical roots. Under the general heading of sustainability and ecological economics, many specific topics are here brought into relation with each other. These include: limits to growth; full-world versus empty-world economics; uneconomic growth; definitions of sustainability; peak oil; steady-state economics; allocation versus distribution versus scale issues; non-enclosure of rival goods and enclosure of non-rival goods; production functions and the laws of thermodynamics; OPEC and Kyoto; involuntary resettlement and development; resource versus value-added taxation; globalization versus internationalization; immigration; climate change; and the philosophical presuppositions of policy, including the policies suggested in connection with the topics above. This fascinating work will appeal to scholars and academicians of eco-

The Economics of Sustainable Development Principles of Environmental Economics and Sustainability was the first textbook to make a serious attempt to systematically integrate ecological and economic principles. It successfully introduced ecological perspectives to the study of environmental economics while maintaining the integrity of the standard economic approach. In this new edition this notion continues to be embraced while also offering readers several further features, including greater in-depth coverage of the economics of climate change, expanded reference sections, and an updated and expanded "review and discussion questions" section. The unique integration of both mainstream and ecological approaches which this textbook provides proves particularly illuminating in relation to the following topics: economics of climate change environmental valuation cost–benefit analysis and the environment sustainability in theory and practice limits to growth the role of technology the business case for environmental sustainability. Written in a clear and accessible way, this key textbook is an excellent resource for all students of environmental economics. With study tools including learning objectives, case studies, and charts and graphs, this volume uses real-world examples to engage both students and academicians within the field. This text also accompanied by a Companion Website including resources for both students and instructors. Here you will find student study questions, interactive quizzes, and an instructor manual composed of lecture PowerPoint templates.

Toward Sustainable Development In its first edition, this book helped to define the emerging field of ecological economics. This new edition surveys the field today. It incorporates all of the latest research findings and grounds economic inquiry in a more robust understanding of human needs and behavior. Humans and ecological systems, it argues, are inextricably bound together in complex and long-misunderstood ways. According to ecological economists, conventional economics does not reflect adequately the value of essential factors like clean air and water, species diversity, and social and generational equity. By excluding biophysical and social systems from their analyses, many conventional economists have overlooked problems of the increasing scale of human impacts and the inequitable distribution of resources. This introductory-level textbook is designed specifically to address this significant flaw in economic thought. The book describes a relatively new “transdiscipline” that incorporates insights from the biological, physical, and social sciences. It provides students with a foundation in traditional neoclassical economic thought, but places that foundation within an
interdisciplinary framework that embraces the linkages among economic growth, environmental degradation, and social inequity. In doing so, it presents a revolutionary way of viewing the world. The second edition of Ecological Economics provides a clear, readable, and easy-to-understand overview of a field of study that continues to grow in importance. It remains the only stand-alone textbook that offers a complete explanation of theory and practice in the discipline.

The Age of Sustainable Development This book is open access under a CC BY 4.0 license. This book presents methods to evaluate sustainable development using economic tools. The focus on sustainable development takes the reader beyond economic growth to encompass inclusion, environmental stewardship and good governance. Sustainable Development Goals (SDGs) provide a framework for outcomes. In illustrating the SDGs, the book employs three evaluation approaches: impact evaluation, cost-benefit analysis and objectives-based evaluation. The innovation lies in connecting evaluation tools with economics. Inclusion, environmental care and good governance, thought of as “wicked problems”, are given centre stage. The book uses case studies to show the application of evaluation tools. It offers guidance to evaluation practitioners, students of development and policymakers. The basic message is that evaluation comes to life when its links with socio-economic, environmental, and governance policies are capitalized on.

Principles of Environmental Economics and Sustainability Toward Sustainable Development is a comprehensive and wide ranging exploration of the theoretical and practical aspects of the concept of sustainable development. Internationally known scholars present an in depth critique of traditional economic methods and ideas, and a new framework for analysis of issues of development and environmental policy. The book: outlines the historical development of the concept of sustainable development; clarifies the many interpretations of what sustainable development is; presents new and detailed assessments of the concepts, methods, and implementation of sustainable development policies; As well as explaining the conceptual and theoretical background, the book discusses methods and techniques, and examines issues of policy and implementation. It offers both critical observations on old approaches, and valuable guidelines for recent innovations.

Ecological Economics and Sustainable Development By now, most people in the ecological and environmental fields have heard of sustainable development, but how many know how we go about getting there, and if we are achieving it? By synthesizing the many disparate elements of the field of Ecological Economics, Toward Sustainable Development: An Ecological Economics Approach combines analysis, theory, and empiricism to answer the whats, whys, and hows of moving towards sustainable development. Since the ecological economics approach to sustainable development is still a relatively new paradigm, its long-term success rests heavily on the formalized establishment of the most basic and fundamental principles. This volume discusses the formation of these principles and their implementation in the real world. Lawn establishes the ground-rules by showing that development need not be achieved at the expense of ecological sustainability. He presents the tools, guidelines, and conceptual framework necessary to move toward sustainable development. Filled with figures, tables, and illustrations, Toward Sustainable Development: An Ecological Economics Approach systematically develops a conceptual framework from which to design workable policies. The author shows that development and ecological sustainability don't have to be trade-offs but can be complimentary and outlines a range of economic and non-economic indicators to measure performance.

Principles of Environmental Economics and Sustainability During Latin America’s China-led commodity boom, governments turned a blind eye to the inherent flaws in the region’s economic policy. Now that the commodity boom is coming to an end, those flaws cannot be ignored. High on the list of shortcomings is the fact that Latin American
governments—and Chinese investors—largely fell short of mitigating the social and environmental impacts of commodity-led growth. The recent commodity boom exacerbated pressure on the region’s waterways and forests, accentuating threats to human health, biodiversity, global climate change and local livelihoods. China and Sustainable Development in Latin America documents the social and environmental impact of the China-led commodity boom in the region. It also highlights important areas of innovation, like Chile’s solar energy sector, in which governments, communities and investors worked together to harness the commodity boom for the benefit of the people and the planet.

Theory and Implementation of Economic Models for Sustainable Development The importance of the built environment to environmental protection is well established, with strict environmental regulations now a feature of the working lives of planners, contractors, building designers, and quantity surveyors alike. Those new to, or preparing to join this industry must have an understanding of how their environmental responsibilities relate to their professional responsibilities in economic terms. Designed as an introductory textbook, Urban and Environmental Economics: An Introduction provides the background information from these disciplines to understand crucial tools and economic techniques. A broad range of theories of the natural and built environments and economics are explained, helping the reader develop a real understanding of the topics that influence this subject, such as: the history of economic thought on the built environment the economics of shared space in the built environment cost-benefit analysis and discounting macro-economic tools, measures, and policy sustainable development resource valuation. Illustrated throughout, and with lists of further reading in every chapter, this book is ideal for students at all levels who need to get to grips with the economics of the environment within a built environment context. Particularly useful to those studying planning, land economy, environmental management, or housing development.

Environmental Economics and Sustainability Examines the implication for orthodox economic theory of explicitly considering resource depletion, pollution abatement and sustainability.

Environmental Economics for Sustainable Growth Is development sustainable? When addressing the sustainability issue, decision-makers are faced with two challenges: taking into account conflicting issues, such as economic development and environmental preservation, while also ensuring intergenerational equity. Tackling these challenges amounts to deciding what should be bequeathed to future generations, especially in terms of natural resources.

Economics for Environmental Professionals Economics is about understanding the rational behaviour of economic agents (households, firms, industries and government) in their decisions to achieve best outcomes of their goals and aspirations. They collectively converge to achieve the utmost economic and social benefits for all in the country in terms of economic growth and development. Economic growth and development occur through efficient use of available resources to meet effective demand and social needs. The challenge that countries are facing is proper application of appropriate policy mix to optimize the opportunities of increasingly interdependent global economic landscape. For emerging economies, a multiple sector strategy that propels economic transformation is crucial. This needs to be predicated on robust macroeconomic policy framework that aligns with global production and consumption activities to drive economic growth process for achieving sustainable development.

The Economics of Sustainable Development Of all the books written about the problems of sustainable development and environmental protection, Sustainable Development:
Science, Ethics, and Public Policy is one of the first to examine the role of science, economics and law, and ethics as generally applied to decision making on sustainable development, particularly in respect to the recommendations contained in Agenda 21. Specifically, the book examines the role, capabilities, and certain strengths and weaknesses of these disciplines and their ethical implications in the context of sustainable development problems. Such an analysis is necessary to determine whether sustainable development problems create important new challenges and problems for government so that, where appropriate, new tools or approaches may be designed to overcome limitations or take advantage of the strengths of current scientific, economic and legal capabilities. Audience: Environmental professionals, whether academic, governmental or industrial, or in the private consultancy sector. Also suitable as an upper level text or reference.

Ecological Economics and Sustainable Development Jeffrey D. Sachs is one of the world’s most perceptive and original analysts of global development. In this major new work he presents a compelling and practical framework for how global citizens can use a holistic way forward to address the seemingly intractable worldwide problems of persistent extreme poverty, environmental degradation, and political-economic injustice: sustainable development. Sachs offers readers, students, activists, environmentalists, and policy makers the tools, metrics, and practical pathways they need to achieve Sustainable Development Goals. Far more than a rhetorical exercise, this book is designed to inform, inspire, and spur action. Based on Sachs's twelve years as director of the Earth Institute at Columbia University, his thirteen years advising the United Nations secretary-general on the Millennium Development Goals, and his recent presentation of these ideas in a popular online course, The Age of Sustainable Development is a landmark publication and clarion call for all who care about our planet and global justice. Visit http://cup.columbia.edu/extras/supplement/sachs-9780231173148 for additional teaching materials for students and instructors, including chapter summaries, key concepts, problem sets, and slides.

Environmental Law, the Economy and Sustainable Development Sustainable Economic Development: Resources, Environment, and Institutions presents 25 articles that lay the foundations of sustainable development in a way that facilitates effective policy design. The editors mix broad thematic papers with focused micro-papers, balancing theories with policy designs. The book begins with two sections on sustainable development principles and practice and on specific settings where sustainable development is practiced. Two more sections illuminate institutions, governance, and political economy. Additional sections cover sustainable development and agriculture, and risk and economic security, including disaster management. This rich source of information should appeal to any institution involved in development work, and to development practitioners grappling with an array of difficult on-the-ground developmental challenges. Analyzes policies that move markets and resource use patterns towards achieving sustainability Articles are kaleidoscopic in scope and creativity Authors embody extraordinary diversity and qualifications

The Economics of Sustainability The book is a concise introduction to an emerging field within economics. Drawing on numerous disciplines, including environmental science, environmental and ecological economics and optimal growth theory, sustainability remains a hazy and complex subject. The author set out with two objectives: one, to bring some order into the proliferating measures, models and management of sustainability; and two, to facilitate access to a complex inter-disciplinary subject area. The book points to practical ways of assessing and enhancing the long-term environmental and economic sustainability of our economies. The result is a fully international study that should bridge the gap between disciplines and prove to be an essential guide to anyone interested in one of the most important concepts in the social sciences.
Sustainability Economics Annotation This book contains six essays based on presentations made at the 40th Annual Werner Sichel Economics Lecture Series sponsored by the Department of Economics, Western Michigan University, during the academic year 2003-2004. The Series was made possible through the financial support of the W.E. Upjohn Institute for Employment Research and Western Michigan University.

Sustainable Development: Science, Ethics, and Public Policy Provides an introduction to the concepts of environmental economics.

Positional Analysis for Sustainable Development Written by individuals who have been involved in the "Political Economy of the Environment" program of the World Bank Institute, this volume presents the economic tools used by the program to choose between policy- and decision-making processes at macro, sector, and project levels for development programs. The aim of the work is to integrate economy-wide policies with the analytical tools for monetary valuation of environmental impacts. After studying the relationship between policies, laws, regulations, and the environment, revealed and stated preference valuation methods are explored in terms of natural resources and the health impact of air pollution. Annotationcopyrighted by Book News, Inc., Portland, OR

Toward Sustainable Development Food sustainability is essential to the advancement and development of economies and societies worldwide. However, there is an ongoing lack of progress in this field due to the challenge of bridging the gaps between applied science, policy, and society. Agrifood Economics and Sustainable Development in Contemporary Society provides emerging research exploring the theoretical and practical aspects of sustainable rural livelihood and applications within agricultural production. Featuring coverage on a broad range of topics such as green economics, organic farming, and sustainable development from a nature vs. nurture perspective, this book is ideally designed for agricultural researchers, professionals, academicians, policymakers, and farmers seeking current research on sustainability in farming.

China and Sustainable Development in Latin America A succinct examination of the concept of sustainable development: what it means; how it is impacted by globalisation, production and consumption; how it can be measured; and what can be done to promote it.

Sustainable Economic Development Environmental economics, which used to be on the periphery of the economics discipline, is fast becoming mainstream as concern for the environment grows. Practitioners in other disciplines (e.g. engineering, science, natural resource management, social sciences) are increasingly faced with environmental problems that have an economic component. This invaluable book fills an important gap in the literature by teaching both economists and non-economists how to use economic tools to address environmental problems. The book is divided into three parts. Part I introduces theoretical concepts, including chapters on ecological economics and basic microeconomics for the non-specialist. Part II introduces tools for environmental policy analysis, while Part III discusses global environmental issues. The material is presented in an engaging manner with extensive use of graphs and diagrams to explain the key concepts. Exercises and an extensive bibliography are provided at the end of each chapter.

Economic Development and Environmental Sustainability Ecological Economics and Sustainable Development comprises a carefully chosen selection of some 25 articles, speeches, congressional testimonies, reviews, and critiques from the last ten years of Herman Daly's ever-illuminating work. This book seeks to identify the blind spots and errors in standard growth economics, alongside the corrections that ecological economics offers to better guide us toward a sustainable economy - one with deeper biophysical and ethical
roots. Under the general heading of sustainability and ecological economics, many specific topics are here brought into relation with each other. These include: limits to growth; full-world versus empty-world economics; uneconomic growth; definitions of sustainability; peak oil; steady-state economics; allocation versus distribution versus scale issues; non-enclosure of rival goods and enclosure of non-rival goods; production functions and the laws of thermodynamics; OPEC and Kyoto; involuntary resettlement and development; resource versus value-added taxation; globalization versus internationalization; immigration; climate change; and the philosophical presuppositions of policy, including the policies suggested in connection with the topics above. This fascinating work will appeal to scholars and academics of ecological, environmental, development, and environmental resource economics and studies.

Beyond Growth Before the late 1980s, when the ideas of sustainability and sustainable development to the forefront of public debate, conventional, neo-classical economic thinking about development and growth had rarely given any consideration to the needs of future generations, or the sustainability of natural resource use. Defining sustainability broadly as intergenerational fairness in the long-term decision making of a whole society, and using established economic concepts, this selection of refereed journal articles brings a famously ill-defined concept into sharp focus, providing academics at all levels with a formidable research tool. Spanning thirty years of the most important philosophical, theoretical and empirical contributions from both critics and defenders of neo-classical assumptions and methods of economic analysis, this focused collection of papers constitutes a unique, balanced resource on the full range of intellectual debates surrounding the economics of sustainability.

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