
Acces PDF Pdf Introduction Elementary An Economics Environmental

Thank you unquestionably much for downloading **Pdf Introduction Elementary An Economics Environmental**. Maybe you have knowledge that, people have see numerous period for their favorite books with this Pdf Introduction Elementary An Economics Environmental, but end up in harmful downloads.

Rather than enjoying a good book in the same way as a mug of coffee in the afternoon, on the other hand they juggled later than some harmful virus inside their computer. **Pdf Introduction Elementary An Economics Environmental** is within reach in our digital library an online admission to it is set as public thus you can download it instantly. Our digital library saves in compound countries, allowing you to get the most less latency times to download any of our books bearing in mind this one. Merely said, the Pdf Introduction Elementary An Economics Environmental is universally compatible in the manner of any devices to read.

KEY=ENVIRONMENTAL - ANAYA TRISTEN

Environmental Economics An Elementary Introduction The subject of environmental economics has become an important focus of debate around the world, with experts as well as ordinary citizens concluding that the environment and the economy can no longer be viewed as separate entities. As a result, contemporary environmental issues are increasingly seen from the point of view of their economics effects and their consequences for human well-being now and in the future. **Energy Economics Concepts, Issues, Markets and Governance** *Springer Nature* This book provides an updated and expanded overview of basic concepts of energy economics and explains how simple economic tools can be used to analyse contemporary energy issues in the light of recent developments, such as the Paris Agreement, the UN Sustainable Development Goals and new technological developments in the production and use of energy. The new edition is divided into four parts covering concepts, issues, markets, and governance. Although the content has been thoroughly revised and rationalised to reflect the current state of knowledge, it retains the main features of the first edition, namely accessibility, research-informed presentation, and extensive use of charts, tables and worked examples. This easily accessible reference book allows readers to gain the skills required to understand and analyse complex energy issues from an economic perspective. It is a valuable resource for students and researchers in the field of energy economics, as well as interested readers with an interdisciplinary background. **The Sustainable Provision of Environmental Services From Regulation to Innovation** *Springer* This book addresses the ability of market-based instruments to improve the sustainable provision of environmental services. The author combines field research and insights from the multi-stakeholder dialogue at the FAO to analyze the gap between the predictions provided by theory and the corresponding outcomes in practice. In particular, the author challenges the theory behind Payments for Environmental Services (PES), a concept derived from neoclassical welfare economics, by demonstrating that PES projects often lack financial sustainability unless local entrepreneurs make use of the resulting new networks to create innovative markets for environmental goods. The author calls for a shift of focus from regulation to innovation in projects and policies designed to improve the provision of environmental services. Its spotlight on the positive social impacts of companies that engage in hybrid PES schemes will make the book appealing to practitioners and policymakers alike. **Valuing forest ecosystem services: a training manual for planners and project developers** *Food & Agriculture Org.* The degradation of ecosystems, including forests, and the associated loss of biodiversity, particularly due to human-induced threats and climate change, has gained increased attention from scientists and policymakers. The Millennium Ecosystem Assessment presented a new conceptual framework that puts ecosystem services at the centre and links human well-being to the impacts on ecosystems of changes in natural resources. The Economics of Ecosystems and Biodiversity initiative drew further attention to the economic benefits of conserving ecosystems and biodiversity, supporting the idea that economic instruments – if appropriately applied, developed and interpreted – can inform policy- and decision-making processes. Only a few ecosystem services, however, have explicit market value and are traded in open markets: many – especially those categorized as having “passive-use” value – remain invisible and are rarely accounted for in traditional economic systems. The failure to appropriately consider the full economic value of ecosystem services in decision making enables the continued degradation and loss of ecosystems and biodiversity. Most ecosystem services are considered public goods and tend to be overexploited by society. Many methods have been applied to the economic valuation of ecosystem services. The use of these methods, as well as the interpretation of their results, requires familiarity with the ecological, political, normative and socio-economic context and the science of economics. Recognizing, demonstrating and capturing the value of ecosystem services can play an important role in setting policy directions for ecosystem management and conservation and thus in increasing the provision of ecosystem services and their contributions to human well-being. The aim of this manual is to enhance understanding of ecosystem services and their valuation. The specific target group comprises governmental officers in planning units and field-level officers and practitioners in key government departments in Bangladesh responsible for project development, including the Ministry of Environment and Forests and its agencies. Most of the examples and case studies presented herein, therefore, are tailored to the Bangladesh context, but the general concepts, approaches and methods can be applied to a broad spectrum of situations. This manual focuses on valuing forest-related ecosystem services, including those provided by trees outside forests. It is expected to improve valuation efforts and help ensure the better use of such values in policymaking and decision making. Among other things, the manual explores the basics of financial mathematics (e.g. the time value of money; discounting; cost-benefit analysis; and profitability and risk indicators); the main methods of economic valuation; examples of the valuation of selected ecosystem services; and inputs for considering values in decision making. **Valuing Forest Ecosystem Services A Training Manual for Planners and Project Developers** *United Nations* The aim of this manual is to enhance understanding of ecosystem services and their valuation. The specific target group comprises governmental officers in planning units and field-level officers and practitioners in key government departments in Bangladesh responsible for project development, including the Ministry of Environment and Forests and its agencies.

Most of the examples and case studies presented herein, therefore, are tailored to the Bangladesh context, but the general concepts, approaches and methods can be applied to a broad spectrum of situations. This manual focuses on valuing forest-related ecosystem services, including those provided by trees outside forests. It is expected to improve valuation efforts and help ensure the better use of such values in policymaking and decision making.

Assessing the value of resource recovery and reuse social, environmental and economic costs and benefits for value creation and human well-being *International Water Management Institute (IWMI). CGIAR Research Program on Water, Land and Ecosystems (WLE)*

An Introduction to Ecological Economics, Second Edition *CRC Press* From Empty-World Economics to Full-World Economics Ecological economics explores new ways of thinking about how we manage our lives and our planet to achieve a sustainable, equitable, and prosperous future. Ecological economics extends and integrates the study and management of both "nature's household" and "humankind's household"—An Introduction to Ecological Economics, Second Edition, the first update and expansion of this classic text in 15 years, describes new approaches to achieving a sustainable and desirable human presence on Earth. Written by the top experts in the field, it addresses the necessity for an innovative approach to integrated environmental, social, and economic analysis and management, and describes policies aimed at achieving our shared goals. Demands a Departure from Business as Usual The book begins with a description of prevailing interdependent environmental, economic, and social issues and their underlying causes, and offers guidance on designing policies and instruments capable of adequately coping with these problems. It documents the historical development of the disciplines of economics and ecology, and explores how they have evolved so differently from a shared conceptual base. Structured into four sections, it also presents various ideas and models in their proper chronological context, details the fundamental principles of ecological economics, and outlines prospects for the future. What's New in the Second Edition: Includes several new pieces and updates in each section Adds a series of independently authored "boxes" to expand and update information in the current text Addresses the historical development of economics and ecology and the recent progress in integrating the study of humans and the rest of nature Covers the basic concepts and applications of ecological economics in language accessible to a broad audience An Introduction to Ecological Economics, Second Edition can be used in an introductory undergraduate or graduate course; requires no prior knowledge of mathematics, economics, or ecology; provides a unified understanding of natural and human-dominated ecosystems; and reintegrates the market economy within society and the rest of nature.

Environmental Economics in Theory and Practice This book provides a thorough and coherent review and discussion of environmental economics theory with an appreciation of empirical problems. It will be particularly suitable for undergraduate and postgraduate courses in environmental and resource economics and professionals.

Sustainability Economics An Introduction *Routledge* 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.

Urban and Environmental Economics An Introduction *Routledge* 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 Law in Development Lessons from the Indonesian Experience *Edward Elgar Publishing* ... an important addition to the small, but growing, published literature on the development of environmental law in developing countries. It will be of interest to academics and those involved in law development in Indonesia and the other developing countries. Jennifer Mohamed-Katerere, *Journal of Environmental Law*

This book asks whether environmental law and policy in developed countries can be successfully transferred to developing countries. It questions whether developing countries are indeed ready and able to implement new ideas from the developed world, such as the integration of environmental law, and use of market-oriented instruments. The authors draw insights from the case of Indonesia, where they have experience of drafting environmental legislation, and which is itself in the early stages of development. Through these insights they seek to understand why environmental law that has been well developed in theory, can in practice be difficult to monitor and adequately enforce. Indeed, a further question central to the book is why developing environmental law does not necessarily result in an efficient environmental policy. Taking a comparative perspective, and using a multi-faceted methodology that draws on constitutional and administrative law, human rights law, criminal and liability law and international law, as well as law and economics, the authors conclude with an outline of some of the lessons that can be learnt by other jurisdictions seeking to develop environmental law. Lawyers, environmental engineers and social scientists involved in environmental law and policy in developing countries will find much to interest them in this book, as will those concerned with development studies or with a particular interest in the case of Indonesia.

Regulating Disasters, Climate Change and Environmental Harm *Edward Elgar Publishing* This collection brings together insightful analyses of how developing countries can manage serious hazards. Natural disasters have long been threats to developing countries, but now climate change is increasing many risks and posing new challenges.

Principles of Environmental Economics and Sustainability An Integrated Economic and Ecological Approach *Routledge* 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.

Groundwater Economics *CRC Press* From the western United States to the Indian subcontinent, water issues have always been economic issues. Considered ubiquitous under the continents, groundwater varies considerably in depth, quality, accessibility, and availability. A unified discussion of groundwater and its economic importance, *Groundwater Economics* explores the application of economic evaluation and cost/benefit analysis for the use, protection, remediation and conservation of groundwater. The book reviews the major economic uses of and demand for groundwater, provides an ecosystem context for resource withdrawals, discusses the application of economics to groundwater policy and decisions, and explores the economics of groundwater sustainability. It examines the legal basis for groundwater use and access, then addresses drinking water, irrigation, and waste disposal. The author considers micro- and macro-economic factors, cost-benefit tools, sustainability, transboundary considerations, climate change and policy evaluation, ease of policy implementation, and societal acceptance. He synthesizes key points into practical steps for future application, describing ways to evaluate the economics of groundwater use in the context of the larger ecosystem and the natural capital it provides. The comprehensive approach taken by this book addresses a full range groundwater topics building on other supporting disciplines, rather than focusing solely on how to evaluate the economics of remediation of contaminated sites or of a single resource use. This multidisciplinary course is a more current way to address this complex issue, compared to the single-discipline approach that addresses groundwater as a physical resource on the one hand and its economics on the other. This unified approach presents an array of tools and factors for the evaluation of the economics of proposals for future groundwater use in relation to the ecosystem and its sustainability.

Elements of Ecological Economics *Routledge* This text, which is tailor made for short courses in ecological economics, takes as its starting point the notion of the "global-ethical trilemma": the interrelation between justice, sustainability and prosperity. Defiantly pluralistic in tone, the book introduces to the student different attempts to reconcile these three goals and provides a balanced review of how this can be achieved.

Groundwater Economics, Two-Volume Set *CRC Press* Groundwater is a vitally important resource and as its use increases, the available supply is depleted, creating a ripple effect of impacts on both the environment and the economy that need to be disseminated to a larger audience of students and practitioners. This second edition of *Groundwater Economics* accomplishes just that. This two-volume set is a comprehensive work focused on the economic values of groundwater resources and use, and it reinforces the need for a strong economic rationale in decision-making relating to that use. This new edition includes a new chapter on sustainability as well as updating all chapters with a focus on sustainability. It thoroughly explains the economic value of groundwater for sustainable use and needs, with practical examples, and includes thirteen new and updated case studies on the economics of groundwater data for decision-making. It also addresses both local and regional groundwater economic choices through a series of applications at an international level. This set, written by a sustainability professional with decades of experience in managing groundwater use and protection, is written for other professionals as well as students, who need to understand and evaluate water resources and manage their use from a variety of sustainable approaches.

Human and Societal Security in the Circumpolar Arctic Special focus on local and indigenous communities *BRILL* Human and Societal Security in the Circumpolar Arctic addresses the comprehensive understanding of security in the Arctic, and specific challenges of the Arctic population from the viewpoint of human security.

The Shades of blue: upgrading coastal resources for the sustainable development of the Caribbean SIDS *UNESCO Solid Waste Technology and Management, 2 Volume Set* *John Wiley & Sons* The collection, transportation and subsequent processing of waste materials is a vast field of study which incorporates technical, social, legal, economic, environmental and regulatory issues. Common waste management practices include landfilling, biological treatment, incineration, and recycling – all boasting advantages and disadvantages. Waste management has changed significantly over the past ten years, with an increased focus on integrated waste management and life-cycle assessment (LCA), with the aim of reducing the reliance on landfill with its obvious environmental concerns in favour of greener solutions. With contributions from more than seventy internationally known experts presented in two volumes and backed by the International Waste Working Group and the International Solid Waste Association, detailed chapters cover: Waste Generation and Characterization Life Cycle Assessment of Waste Management Systems Waste Minimization Material Recycling Waste Collection Mechanical Treatment and Separation Thermal Treatment Biological Treatment Landfilling Special and Hazardous Waste Solid Waste Technology & Management is a balanced and detailed account of all aspects of municipal solid waste management, treatment and disposal, covering both engineering and management aspects with an overarching emphasis on the life-cycle approach.

The Green Book Appraisal and Evaluation in Central Government : Treasury Guidance *Stationery Office* This new edition incorporates revised guidance from H.M Treasury which is designed to promote efficient policy development and resource allocation across government through the use of a thorough, long-term and analytically robust approach to the appraisal and evaluation of public service projects before significant funds are committed. It is the first edition to have been aided by a consultation process in order to ensure the guidance is clearer and more closely tailored to suit the needs of users.

Nature-based Tourism and Conservation New Economic Insights and Case Studies *Edward Elgar Publishing* 'This book tackles the two edge sword of non consumptive wildlife tourism: on net does it add to or detract from species conservation? The book does so with a treasure trove of original survey research on the supply and demand for wildlife tourism on both public and private lands from Antarctica to rainforests to marine wildlife. The economic analysis is one of the first to apply new behavioral economics to analyzing tourists' choices.' John Loomis, Colorado State University, US 'Does nature-based tourism help or hinder biodiversity conservation? The answer provided by this authoritative volume

is that it depends on context and type of tourism and is no easy panacea. Indeed it can result in an under supply of nature conservation from an economic point of view. This book provides an excellent synthesis, supported by case studies, of the tourism conservation trade off problem, it will appeal to both academic and practitioner audiences.' R. Kerry Turner, CBE, University of East Anglia, UK 'This book encapsulates a lifetime's scholarly work between the authors. It sets out the platform upon which nature-based tourism may be discussed and debated, which it then enriches by a series of case examples, mostly drawn from personal experience. In doing so it performs a valuable service to all interested in this field by capturing those detailed insights into nature-based tourism that are often only acquired by experience.' Stephen Wanhill, Editor, *Tourism Economics* 'In today's world, even nature seems to have to pay its own way. Nature-based Tourism and Conservation provides detailed real-life examples of how this is working in various parts of the world, from rainforests to Antarctica, and how the tradeoffs can best be measured. Clem Tisdell and Clevo Wilson provide a unique economic perspective to the various issues involved, providing practical illustrations of how others can incorporate the various ways of considering costs and benefits when deciding how to define the role nature-based tourism when planning conservation measures. This book will be useful to a wide range of audiences, from national protected area agencies to private land-owners who are establishing their own nature-based tourism enterprises.' Jeffrey McNeely, International Union for Conservation of Nature, Switzerland

Nature-based Tourism and Conservation unearths new or neglected principles relevant to tourism and recreational economics, environmental valuation and economic theory. Its three parts have chapters on nature-based tourism and its relationships to conservation including case studies dealing with the consequences of World Heritage listing of natural sites, Antarctic, subtropical and tropical national park-based tourism and an NGO's conservation efforts modelled on ecotourism. The final part focuses on tourism utilizing particular wildlife, including sea turtles, whales, penguins, royal albatross, glow-worms and tree kangaroos.

Beyond Environmentalism A Philosophy of Nature *John Wiley & Sons* **The Inclusive Economy: Criteria, Principles and Ubuntu** *UJ Press* There is one serious missing link at the center of today's capitalism. It is a disequilibrium between increased economic interconnectedness and increased isolation/exclusion. This unique challenge in the 21st century calls for a unique solution: Ubuntu. Africa might be the last place where experts would look for an economic solution, but it ironically holds the secret to restoring the right equilibrium in the economy. Ubuntu's ability to reconnect the marginalised with the mainstream by putting emphasis on our humanness, connectedness, collective growth through expansion and improved efficiency creates new capacity for the economy to rebalance itself towards genuine and sustainable progress. Ubuntu encapsulates that which is the opposite of economic exclusion (i.e. inequality, poverty, unsustainable growth, limited profits, etc.), namely economic inclusion. However, only a small window of opportunity exists - in and after the COVID-19 pandemic - to implement Ubuntu as a fundamental economic principle in order for it to be an effective remedy. The global economy and most local economies have entered the phase of rebuilding with a serious drawback: after the previous global financial crisis, both the economy and government's capacity to recover are severely limited as unemployment levels, debt levels and natural resource depletion levels keep soaring, resulting in dangerous levels of economic exclusion and social instability. To this and more, the inclusive economy presents tangible solutions.

Sustainability and Design Ethics *CRC Press* From microcosm to macrocosm, ecodesign, green design, environmental design, and triple bottom line are quickly becoming more than just catchy phrases that describe touchy-feely trends. Increases in climate uncertainty and energy costs as well as food, water, and services insecurity are just a few of the challenges driving the growing demand for sus

Handbook on Constructing Composite Indicators: Methodology and User Guide *OECD Publishing* A guide for constructing and using composite indicators for policy makers, academics, the media and other interested parties. In particular, this handbook is concerned with indicators which compare and rank country performance.

Biodiversity and the Law Intellectual Property, Biotechnology and Traditional Knowledge *Earthscan* How do we promote global economic development, while simultaneously preserving local biological and cultural diversity? This authoritative volume, written by leading legal experts and biological and social scientists from around the world, addresses this question in all of its complexity. The first part of the book focuses on biodiversity and examines what we are losing, why and what is to be done. The second part addresses biotechnology and looks at whether it is part of the solution or part of the problem, or perhaps both. The third section examines traditional knowledge, explains what it is and how, if at all, it should be protected. The fourth and final part looks at ethnobotany and bioprospecting and offers practical lessons from the vast and diverse experiences of the contributors.

Forestry for a low-carbon future Integrating forests and wood products in climate change strategies *Food & Agriculture Org.* Forests are critical to mitigation, having a dual role; they function globally as a carbon sink but are also responsible for about 10 to 12 percent of global emissions. Forests and forest products offer both developing and developing countries with a wide range of options for timely and cost-effective mitigation. Afforestation / reforestation offers the best option because of its short timescale and ease of implementation. Reducing deforestation, especially due to the possibility for immediate action. Yet forest contributions to mitigation. Wood products and wood energy can replace fossil-intense products in other sectors, creating a virtuous cycle towards low-carbon economies. The mitigation potential and costs of the various options differ greatly by activity, region, system boundaries and time horizon. Policymakers must decide on the optimal mix of options, adapted to local circumstances, for meeting national climate change and development goals. This publication assesses the options and highlights the enabling conditions, opportunities and potential bottlenecks. It will be supported by policymakers, investors and investors in their climate strategies. This publication assesses the options and highlights the enabling conditions, opportunities and potential bottlenecks. It will be supported by policymakers, investors and investors in their climate strategies. This publication assesses the options and highlights the enabling conditions, opportunities and potential bottlenecks. It will be supported by policymakers, investors and investors in their climate strategies.

American Heat Ethical Problems with the United States' Response to Global Warming *Rowman & Littlefield* When the world began to wake up to the global environmental crisis in the 1970s, the United States was the undisputed world leader in environmental policy. Yet, on an unsettling number of international environmental issues-including global warming-the U.S. has not only forfeited its leadership role but has too often become the major barrier to protecting the global environment. In *American Heat*, Donald Brown critically analyzes the U.S. response to global warming, inviting readers to examine the implicit morality of the U.S position, and ultimately to help lead the world toward an equitable sharing of the burdens and benefits of protecting the global environment. In short, Brown argues that an ethical focus on global environmental matters is the key to achieving a globally acceptable solution.

The Skeptical Environmentalist Measuring the Real State of the World *Cambridge University Press* Challenges widely held beliefs regarding the current environmental situation, discussing why there is cause for

optimism and the need to prioritize resources to address problems. **Dynamic Sustainabilities Technology, Environment, Social Justice** *Routledge* Introducing a new pathways approach for understanding and responding to sustainability challenges, this title explores practical ways forward for building pathways to sustainability. **A Living Countryside? The Politics of Sustainable Development in Rural Ireland** *Ashgate Publishing, Ltd.* By examining a range of experiences from both the north and south of Ireland, this book asks what the ideal of sustainable development might mean to specific rural groups and how sustainable development goals have been pursued across the policy spectrum. It assesses the extent of commitment to a living countryside in Ireland and compares various opportunities and obstacles to the actual achievement of sustainable rural development. How different sectors of rural society will be challenged in terms of future survival provides an overarching theme throughout. **The Sustainable City XI** *WIT Press* Covering the proceedings of the 11th International Conference on Urban Regeneration and Sustainability held in Alicante, Spain, this volume addresses the multidisciplinary aspects of urban planning; a result of the increasing size of cities, the amount of resources and services required and the complexity of modern society. Most of the earth's population live in cities and the process of urbanisation still continues to generate problems originating from the drift of the population towards them. These problems can be resolved by cities becoming efficient habitats, saving resources in a way that improves the standard of living. The process faces a number of challenges related to reducing pollution and improving main transportation and infrastructure systems. These challenges can contribute to the development of social and economic imbalances and require the development of new solutions. Large cities are probably the most complex mechanisms to manage, nevertheless they represent a productive ground for architects, engineers, city planners, and social and political scientists able to conceive new ideas and time them according to technological advances and human requirements. The Sustainable City XI follows a succession of very successful international conferences and covers the following fields: Urban planning and design; Urban development and management; Urban conservation and regeneration; The community and the city; Eco-town planning; Landscape planning and design; Environmental management; Sustainable energy and the city; Transportation Quality of life; Socio-economic and political considerations; Cultural quarters and interventions; Waterfront development; Case studies - sustainable practices; Architectural issues; Cultural heritage issues; Appropriate technologies for smart cities; Planning for resilience; Disaster and emergency response; Urban safety and security; Waste management; Urban infrastructure and Urban metabolism. **Technology Management for Sustainable Production and Logistics** *Springer Innovative* technologies provide opportunities for making manufacturing and logistics operations cleaner and more resource-efficient. New technologies focus on lifecycle engineering and lifecycle management. This book will be valuable to both academics and practitioners who wish to deepen their knowledge of technology management. The book will cover technical, organizational, financial and social issues connected to the implementation of more sustainable technologies. **Sediment Management at the River Basin Scale** *Elsevier* Sediments are a natural part of aquatic systems and they are essential for the hydrological, geomorphological and ecological functioning of those systems. For society they are important and represent an important resource. However, due to the ever increasing use of river catchments, sediments need to be managed in a balanced and sustainable way. *Sediment Management at the River Basin Scale* reviews some of the key requirements and challenges facing scientists, river basin managers, and policy makers for sustainable sediment management at the river basin scale, and puts forward important recommendations. This volume also available as part of a 4-volume set, ISBN 0444519599. Discount price for set purchase. * First book to consider management at the basin scale * State-of-the-art review chapters * New conceptual frameworks and approaches to management **Environmental Economics and Policy** *Routledge* *Environmental Economics and Policy* is a best-selling text for environmental economics courses. Offering a policy-oriented approach, it introduces economic theory, empirical fieldwork, and case studies that show how underlying economic principles provided the foundation for environmental policies. Key features include: Introductions to the theory and method of environmental economics, including externalities, benefit-cost analysis, valuation methods, and ecosystem goods and services. Extensive coverage of the major issues including climate change mitigation and adaptation, air and water pollution, and environmental justice. Boxed "Examples" and "Debates" throughout the text, which highlight global examples and major talking points. This text will be of use to undergraduate students of economics. Students will leave the course with a global perspective of how environmental economics has played and can continue to play a role in promoting fair and efficient environmental management. The text is fully supported with end-of-chapter summaries, discussion questions, and self-test exercises in the book. Additional online resources include references, as well as PowerPoint slides for each chapter. **A review of Kenya's national policies relevant to climate change adaptation and mitigation Insights from Mount Elgon** *CIFOR* Climate change will impact many sectors of the economy: rural agriculture, biodiversity, hydrology, etc. Farmers are particularly affected since agriculture, livestock, fisheries, horticulture and agroforestry depend on specific soil, rainfall and temperature conditions. Mt. Elgon's ecosystem is well known for its agricultural production hence our choice to study how the implementation of environmental policies affect the livelihoods of local communities. **Sustainability in Agriculture** *Royal Society of Chemistry* World trade in agriculture, with its massive subsidies, restrictive barriers, international collaboration and competition, and the livelihoods of millions of farmers worldwide at stake, is an emotive subject that often provokes heated debate. So how can sustainability in agriculture be addressed whilst taking these issues into account? *Sustainability in Agriculture* presents an authoritative and balanced overview of many of the key factors that impact upon world agricultural practices. The aim is to throw light on the subject and so generate informed and rational discussion of the topics which so often generate powerful emotions. Fully referenced, and with sources of further reading given, the contributions from experts from around the globe cover: *Free trade *Fair and unfair trade *GM crops *The use of pesticides *Change in land use and sustainable development *Economic consequences of recent changes in the Common Agricultural Policy of the European Union A balanced analysis of risks and benefits is also provided, taking into account the economic and social impacts as well as the science of the novel practices discussed. The timeliness of this book, discussing as it does many hotly debated issues, make it essential reading for all those having an interest in the future of agriculture worldwide, but especially farmers and students of farming, environmental scientists, government agencies and policy makers. Cover image courtesy of Professor Jules Pretty. **TALIS Creating Effective Teaching and Learning Environments First Results from TALIS** *OECD Publishing* This publication is the first report from the OECD's Teaching and Learning International Survey (TALIS). It provides quantitative, policy-relevant information on the teaching and learning environment in schools in 23 countries. **Economics and Regulation in China** *Routledge* This book, from a top international group of scholars, explores the ways in which economic tools can be used to improve the quality of regulation in general and

legislative tools in particular. As the role of law becomes increasingly important in China, the question arises of how effective regulatory and legislative tools can be developed to accompany the Chinese evolution towards a welfare state. China therefore provides a unique case study for scholars and policymakers interested in examining how regulation can play a role in promoting sustainable development. *Economics and Regulation in China* goes beyond traditional economic analysis of law by focusing specifically on the question of how economic tools can guide the quality of legislation. To this end, the book centres in on three areas: regulation as a tool of economic growth, competition policy and environmental policy. Not only are these three domains of great importance for China, but they are also relevant for a broad scholarship interested in the economic analysis of law. This volume contributes to discussions on how ex-ante evaluation of legislative proposals and ex-post analysis can increase the effectiveness and efficiency of regulation, using economic tools, offering insights that go beyond the particular case of China. The analysis offered by this book makes it an invaluable resource for academics and policymakers alike.

Scale, Governance and Change in Zambezi Teak Forests Sustainable Development for Commodity and Community *Cambridge Scholars Publishing* The Zambezi Teak forests of western Zambia have been exploited for their timber for over 80 years. The record of this exploitation and the subsequent collapse of the timber industry provide a unique insight into problems around land use change, governance and the interaction between ecology, society and forest management in south-central Africa. A wide-ranging study, this book is as much an examination of methodology for sustainability research as it is a review of land use change, forest management and rural livelihoods. It explores the problem of scale and how using explicit considerations of scale may contribute to an integration between the life sciences and the social sciences that a holistic assessment of sustainable development problems demands. Specific details of land use change in the region are examined over a 30 year period, including the first detailed mapping of changes to the Zambezi Teak forests since logging ceased in the early 1970s. Forest management practices and fire emerge as important drivers of land use change, and the book provides examples of how forest management and governance are important to sustainable development in this sparsely populated and inaccessible region. For readers interested a detailed understanding of the problems of deforestation, land use change and governance in the dry forests of Africa, this book is essential reading. It also provides insights into wider questions of how multidisciplinary studies may be integrated in a holistic synthesis. African dry forests have been widely studied, but few publications examine the problems of land use change and deforestation in this level of detail. The author draws on 20 years of experience in south-central Africa to combine historical records with research on current political, social and governance issues. The result is a landmark publication which covers a depth and breadth that is seldom achieved in studies of African sustainable development.