

## *Instruments For Environmental Management*

As Thomas Sterner points out, the economic 'toolkit' for dealing with environmental problems has become formidable. It includes taxes, charges, permits, deposit-refund systems, labeling, and other information disclosure mechanisms. Though not all these devices are widely used, empirical application has started within some sectors, and we are beginning to see the first systematic efforts at an advanced policy design that takes due account of market-based incentives. Sterner's book encourages more widespread and careful use of economic policy instruments. Intended primarily for application in developing and transitional countries, the book compares the accumulated experiences of the use of economic policy instruments in the U.S. and Europe, as well as in select rich and poor countries in Asia, Africa, and Latin America. Ambitious in scope, the book discusses the design of instruments that can be employed in a wide range of contexts, including transportation, industrial pollution, water pricing, waste, fisheries, forests, and agriculture. *Policy Instruments for Environmental and Natural Resource Management* is deeply rooted in economics but also informed by perspectives drawn from political, legal, ecological, and psychological research. Sterner notes that,

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in addition to meeting requirements for efficiency, the selection and design of policy instruments must satisfy criteria involving equity and political acceptability. He is careful to distinguish between the well-designed plans of policymakers and the resulting behavior of society. A copublication of Resources for the Future, the World Bank, and the Swedish International Development Cooperation Agency (Sida). Focuses on the instruments and tools currently available to the environmental manager. A theoretical background to the instruments is given together with an overview of those instruments that are in common use today, with particular attention to the physical, economic, legislative and communication instruments. The author, experienced in industry and academia, presents a set of 15 recent review essays which identify and examine critical current issues of environmental management. Topics covered include environmental accounting, economics and taxation, environmental audit and insurance, institutional and administrative frameworks, regional environmental planning, international aid and trade, and the growth of ecotourism. The book concludes with a summary of likely trends for the 1990's. Readable, concise, practical, and well-referenced, these essays will be essential reading for corporate and governmental executives, engineers, accountants, and

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lawyers with any responsibility for environmental management. It will also be an invaluable resource book for university ecologists and environmental scientists and for anyone concerned with the practicalities of today's environmental problems.

This volume presents the results of a three-year collaborative effort involving research institutions in Africa, Asia, Europe and Latin America. Case studies demonstrate the diversity of environmental problems to which a variety of economic instruments can be applied - air and water pollution, packaging, deforestation, over-grazing, wildlife. They also show what is needed for them to work successfully and the pitfalls to avoid in introducing them, providing guidance for future applications. Written to be accessible to non-economists, the book offers source material for students and academic economists, as well as for professionals working with economic instruments.

[Economic Instruments for Environmental Management in Africa](#)

[Economic Instruments for Environmental Management and Sustainable Development](#)  
[Development of Market Based Instruments for Environmental Management in Sri Lanka](#)

[A Project Aimed at Influencing State and Private Sector Environmental Policy Politics and Institutions](#)

[An Assessment of the Application of Economic Instruments for Environmental Management in Swaziland](#)

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## [Training Resource Manual](#)

### [Nairobi, 10-12 August 1994 : Report of the Meeting](#)

### [Environmental Management in Practice: Vol 1 Market- Based Instruments for Environmental Management](#)

### [Environmental Management in Practice](#)

Thomas Sterner's book is an attempt to encourage more widespread and careful use of economic policy instruments. The book compares the accumulated experiences of the use of economic policy instruments in the U.S. and Europe, as well as in rich and poor countries in Asia, Africa, and Latin America. Ambitious in scope, it discusses the design of instruments that can be employed in any country in a wide range of contexts, including transportation, industrial pollution, water pricing, waste, fisheries, forests, and agriculture. While deeply rooted in economics, Policy Instruments for Environmental and Natural Resource Management is informed by political, legal, ecological, and psychological research. The new edition enhances what has already been widely hailed as a highly innovative work. The book includes greatly expanded coverage of climate change, covering aspects related to policy design, international equity and discounting, voluntary carbon markets, permit trading in United States, and the Clean Development Mechanism. Focusing ever more on leading ideas in both theory and policy, the new edition brings experimental economics into the main of its discussions. It features expanded coverage of the monitoring and enforcement of environmental policy, technological change, the choice of policy instruments under imperfect competition, and subjects such as corporate social responsibility, bio-fuels,

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payments for ecosystem services, and REDD.

书名原文:Economic instruments for environmental management in developing countries

Originally published in 1997, *Urban Environmental Planning* provides a groundbreaking overview of innovative methods and techniques for measuring and managing the environmental effects of urban land uses on other urban activities. Fully revised and updated, this second edition brings together a team of leading environmental planners and policy makers from the US, UK, Europe and SE Asia to address the central questions confronting sustainable urban development. Typical questions include: How can you measure and manage the negative environmental effects of intrusive urban activities such as manufacturing and transport on sensitive land uses including residential and recreational areas? Can a balance be found between reducing these effects through means such as separating conflicting land uses? While other sources identify the need for effective programmes to improve urban environmental quality, this volume describes and assesses analytical methods and implementing programmes practised by leading communities around the world.

Environmental Management in Practice: Vol 1  
Instruments for Environmental Management  
Routledge

[Instruments for Environmental Management](#)

[Potential Uses of Market-based Instruments for Environmental Management in the Philippines](#)

[A Synthesis Report](#)

[Policy Instruments in Environmental Law](#)

[A User Manual](#)

[Urban Environmental Planning](#)

[Economic Instruments for Environmental Management](#)

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[in Mexico](#)

[Macroeconomic Policies and Economic Instruments for Environmental Management in Indonesia](#)

[Their Future Role in Economic Policy, Sectoral Planning and Regional Development](#)

[The Use of Economic Instruments for Environmental and Natural Resource Management](#)

[Economic Instruments for Environmental Management Malaysia](#)

*To preserve the environment with the lowest possible cost to the social sector means that private costs should be aligned with social costs. Many governments in the Latin American and Caribbean Region are doing this now using market-based instruments (MBIs). This publication investigates the use of MBIs in the Latin America and the Caribbean (LAC) context. The investigation covers a sample of eleven countries in the region and a cross-section of environmental issues in an urban setting.*

*ÔThis path-breaking book, written by three well known experts, makes an extremely valuable contribution to the study of ÔnewÓ environmental policy instruments as well as to much wider theoretical debates about governance, policy innovation, learning and transfer. Drawing on an unrivalled comparative empirical study of five different jurisdictions, it manages to make many new points about issues that many of us thought had already been settled.Õ Æ Martin JŠnicke, Free University of Berlin, and former deputy chair, German Advisory Council on the*

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*Environment, Germany* Ô Much more than a study of environmental policy instruments, this book ranges widely and authoritatively over the ògovernment to governanceÓ debate, theories of policy change, regulation, policy transfer, and policy learning. Its lessons and conclusions are relevant and timely well beyond the European context of its case studies and it will be essential reading for public policy scholars everywhere for some time to come. Ò ð Jeremy Rayner, University of Saskatchewan, Canada Ô This book represents a very rare achievement in that it combines detailed and up-to-the-minute empirical analysis of environmental policy over the past four decades, with a sophisticated discussion and critique of current theoretical issues in comparative and policy studies generally. It unfolds with a keen eye towards understanding the temporal dimensions of policy dynamics both in the specific policy field examined but also in terms of testing key analytical concepts. Taken as a whole it provides the most detailed empirical assessment to date of the general ògovernment to governanceÓ hypothesis, with significant implications for policy and governance studies in general. Ò ð Michael Howlett, Simon Fraser University, Canada and National University of Singapore Ô This book fills an important gap in the environmental governance literature, addressing governance at a lower level of abstraction than other texts and examining how it plays out in relation to

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specific modes and instruments of governing. It also contributes towards governance theory-building efforts through the development of an empirically relevant analytical framework. In so doing it provides a firm underpinning for assessing whether, to what extent and in what ways there has been a transition from government towards governance in environmental policy.

Neil Gunningham, Australian National University

Theoretically sophisticated and empirically rich, this book provides an overview of the introduction, development, and use of new policy instruments and new modes of environmental governance in the European context, taking into account both national and European Union experiences. This is a welcome addition to the field!

Miranda Schreurs, Environmental Policy Research Centre and Free University of Berlin, Germany

European governance has witnessed dramatic changes in recent decades. By assessing the use of new environmental policy instruments in European Union countries including the United Kingdom, Germany, the Netherlands and Austria, this timely book analyses whether traditional forms of top-down government have given way to less hierarchical governance instruments, which rely strongly on societal self-steering and/or market forces. The authors provide important new theoretical insights as well as fresh empirical detail on why, and in what form, these instruments are being adopted within and across different levels of

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*governance, along with analysis of the often-overlooked interactions between the instrument types. Providing important new theoretical insights into the governance debate by combining institutionalist and policy learning/transfer approaches, this book will be invaluable for both undergraduate and postgraduate students. The analytical insights as well as a thorough empirical assessment of the use of environmental policy instruments in practice will prove essential for environmental policy specialists/practitioners.*

*Governments have at their disposal a broad range of policy instruments that they may use to influence behaviour and pursue environmental policy goals. This volume of the Elgar Encyclopedia of Environmental Law is a comprehensive guide to these environmental policy instruments, examining their characteristics, applications, strengths and limitations, as well as giving an overview of the most significant issues related to their adoption and effectiveness. With entries written by leading international scholars, this incisive volume provides insight into the cross-cutting issues that are common to discussions of such policy instruments, including the legal bases for their use, how instruments can be compared for costs, distributional questions, and monitoring and enforcement. Contributions also explore hybrids and blends of policy instruments and explain the relationships*

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*between them, using case studies and examples from around the world, as well as providing succinct summaries of the substantial literature in the field. Students and scholars in environmental law will find this volume to be an invaluable resource, for both its solid theoretical foundations and its analysis of undertreated issues in the field. Its discussion of how and why each policy tool might be used is particularly relevant for policymakers and practitioners.*

*"This volume brings together contributions from political scientists and environmental economists and will prove invaluable for academics, practitioners and policymakers interested in the experiences of countries where market-based instruments are well established."--BOOK JACKET.*

[Handbook](#)

[The Use of Fiscal Instruments in Environmental Management](#)

[A Comparative Analysis of the Use of New Environmental Policy Instruments](#)

[An Overview](#)

[Policies, Instruments and Methods in an International Perspective](#)

[New Instruments for Environmental Policy in the EU](#)

[Market-based Instruments for Environmental Policymaking in Latin America and the Caribbean](#)

[Australian Experience with Economic Instruments for Environmental Management : Consultancy Report](#)

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[Environmental Governance in Europe  
Proceedings of a Workshop Held at OECD  
Headquarters in Paris on 8 October 1992  
Lessons from Eleven Countries](#)

The Manual provides step-by-step guidance to assist instructor training policymakers and practitioners in the use of economic instruments – pollution taxes, user fees, property rights, etc, – for sustainable development in general and for environmental and natural resource management in particular. Designed as an interactive working document composed of flexible modules and exercises and providing guidance for trainers and course participants, the manual offers substantial flexibility for trainers to custom design courses that meet local needs and priorities. "Examines what economic instruments are available under existing legislation for use by local government in respect of so common environmental issues"--Pref.

Economic instruments for environmental management; Use and application of economic instruments; Financial resources and mechanisms for environmental management; Conclusions and recommendations; Briefing session with UNEP permanent representatives; Annotated agenda of the workshop; List of participants.

This companion volume to Economic Instruments for Environmental Management presents essential information on the applications of economic valuation to environment and development. It draws on a three-year collaborative effort by research institutions around the world. Authoritative studies review the range of valuation methods used in developing economies, their purposes, the problems encountered and the quality of the results. Topics covered include the value of wildlife viewing, the conservation of rainforests, mangroves and coral reefs, supplying rural water, and controlling urban air pollution. The analysis reveals important methodological and contextual factors, highlighting key lessons and ways of strengthening future

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valuations. Written to be accessible to non-economists, the book provides source material for students and academics, and for policy-makers and professionals, using valuation methods to frame policy.

[The Essentials](#)

[A Worldwide Compendium of Case Studies](#)

[The Use and Application of Economic Instruments for Environmental Management and Sustainable Development](#)

[Prospects of Economic Instruments in Environmental Management in Malaysia](#)

[Perspectives in Environmental Management](#)

[The Case of an Environmental Tax on Gasolines](#)

[Guidelines Towards the Use of Economic Instruments for Environmental Management in Kenya](#)

[Environmental Management: Instruments for implementation](#)

[The Application of Economic Instruments in Environmental Policies in Brazil, China, and South Korea](#)

[Environmental Incentives](#)

[OECD Documents Economic Instruments for Environmental Management in Developing Countries](#)