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## **Strategic Environmental Assessment System: (SEAS)**

Stanley M. Greenfield 1973

**Strategic Environmental Assessment** Weltbank 2012 The Sustainable Development Network (SDN) calls for elevating the environment into upstream processes such as policy, programmatic, and investment dialogue. In its 2002 environment strategy, the Bank committed to use strategic environmental assessments (SEAs), an environmental planning tool for improving decision-making at the strategic level of decision-making, policies, legislation, strategies, plans, and programs (PLSPP), and as a process for improving public policy design and good governance of natural resources. SEAs share many concepts and characteristics as integrated water resources management (IWRM), the accepted paradigm for efficient, equitable, and sustainable management of water resources since the 1990s. IWRM recognizes the dual nature of the environment as both a water using sector and a provider of services that maintains water resources for all sectors. The overall goal of this report is to help water resources and environment professionals use SEAs to effectively implement the principles of IWRM. It recommends a framework for expanding use of SEAs to mainstream environmental considerations in water resources policy, legislative and, institutional reforms, planning and development lending decision-making as well as for enabling adaptation in the water sector.

**DAC Guidelines and Reference Series Applying Strategic Environmental Assessment Good Practice Guidance for Development Co-operation** OECD 2006-11-10 This Guidance volume explains the benefits of using SEA in development co-operation and sets out key steps for its application based on recent experiences.

**Policy Sea** 2010

**Strategic Environmental Assessment in Policy and Sector Reform** World Bank 2010-11-11 This book presents the findings and recommendations of the evaluation of the World Bank's Strategic Environmental Assessment (SEA) Pilot Program. It shows that SEA can contribute to improving development policy and sector reform by calling attention to environmental and social priorities, strengthening constituencies, enhancing policy capacities, and improving social accountability. It also provides guidance for undertaking SEA in policy and sector reform.

Although it acknowledges the need for tailoring SEA to the context of specific sectors and countries, the book discusses in detail and illustrates with examples the analytical work and participatory processes required for effective SEA at the policy level. It suggests that the time is ripe for scaling up SEA in development policy and sector reform and recommends the establishment of a global alliance on environmental and climate change mainstreaming to support developing countries efforts for achieving sustainable development. The book concludes by arguing that SEA applied to sector reform and development policy is a critical step for these efforts to be successful. This title responds to demand for SEA

approaches at the policy level from policymakers, development and environmental specialists of bilateral and multilateral institutions, and environmental assessment specialists. This publication is the result of joint work by the Environment Department of the World Bank, the Environmental Economics Unit at the Department of Economics of the University of Gothenburg (EEU), the Swedish EIA Centre at the Swedish University of Agricultural Sciences, and the Netherlands Commission for Environmental Assessment (NCEA.) In line with the Paris Declaration on Aid Effectiveness, the book also contributes to harmonization of SEA approaches by the donor community that is led by the SEA Task Team of the OECD Development Assistance Committee.

**Perspectives on Strategic Environmental Assessment** Maria Rosario Partidario 1999-12-22 An environmental assessment must be performed whenever a property transaction takes place. Those who don't may find themselves responsible for the past misdeeds of others. This book contains contributions by professionals from various locations who use Strategic Environmental Assessment (SEA) as a tool applied to water management issues. SEA helps make decisions that increase sustainability. Because of its procedural nature, it necessarily becomes tailor-made to different applications. Easily understood and geographic in scope, this book presents leading edge thinking and first hand knowledge on the applications of SEA in water management. Perspectives on Strategic Environmental Assessment is a comprehensive guidebook for performing environmental assessments all over the world. No other source provides you with as much information on the applications of SEA as a policy assessment and management tool. This book provides a blueprint for environmental assessments that safeguards you from the oversights of others.

**Environmental Assessment of Trade Agreements and Policy** Ole Kristian Fauchald 1998 This work provides strategies for integrating environmental concerns into the negotiating process when multilateral trade and investment agreements are being negotiated. It also addresses unresolved questions about establishing a procedure for introducing these concerns into negotiations.

**The Practice of Strategic Environmental Assessment** Riki Therivel 2013-10-11 The practical application of strategic environmental assessment (SEA) is becoming increasingly common. A growing number of SEAs are being undertaken around the world, and several countries have issued guidance on how these should be carried out. However, few countries as yet have formal SEA regulations, and few completed SEAs have demonstrated all the elements of current best practice. The Practice of Strategic Environmental Assessment aims to provide a unique analysis of SEAs which have been undertaken, drawing on a variety of methods and circumstances to illustrate how best practice can be achieved, and providing inspiration for those considering studying, commission or carrying out an SEA. Part I sets the rest of the book in context, giving a review of

international SEA guidance and regulations, and discussing models and methodologies. Part II then analyses a comprehensive set of case studies from countries which have extensive experience in SEA, or which provide particularly good examples. The case studies are discussed in three sections ? sectoral SEAs, SEAs of land-use plans and SEAs of policies ? and provide examples of different scales and approaches, as well as country-specific experience. The final chapter draws out some constraints to effective SEA, as well as positive themes which show how effective SEA can contribute to wider environmental assessment. Written by an international team of SEA practitioners and experts, this volume will be of particular use to students of environmental policy and management, environmental consultants, local authorities, policy-makers and anyone involved in the commissioning, process or review of SEAs.

*Policy Sea* Weltbank 2012 Around the world, it is increasingly being recognized that for sustainability goals to be reached, efforts need to go beyond compliance with standards and mitigation of adverse impacts, to identifying environmental sustainability as an objective of the development process. This requires a focus on policies that promote integration of environmental, sustainability, and climate change considerations into development strategies and sector reform. Because sector reform brings about significant policy change involving adjustments in laws, policies, regulations and institutions, it is a sensitive political process often driven by strong economic interests. Policy makers are subject to a number of political pressures that originate in vested interests. In situations such as these, the recommendations of environmental assessment are often of little relevance unless there are constituencies that support them, and with sufficient political power to make their voices heard in the policy process. While strong constituencies are important during the design of sector reform, they are even more important during implementation. It follows that effective environmental assessment in sector reform requires strong constituencies backing up recommendations, a system to hold policy makers accountable for their decisions, and institutions that can balance competing and, sometimes, conflicting interests.

Environmental Impact Assessment and Strategic Environmental Assessment Hussein Abaza 2004

**Strategic Environmental Assessment in Action** Riki Therivel 2013 This practical guide on how to carry out strategic environmental assessment (SEA) presents a coherent 'how to do it' approach for the practitioner. It is the first publication to take account of the requirements of the European Union Directive 2001/42/EC - known as the 'SEA Directive' - and the UNECE Protocol on SEA. Part I provides an overview of the aims, principles, advantages and problems of SEA as well as looking at the SEA Directive and its requirements. Part II examines the SEA process in considerable detail including setting the context, describing the baseline, identifying alternatives, predicting and evaluating impacts and using the SEA information in monitoring and decision-making. Part III is devoted to assuring SEA quality with a discussion of resources and capacity building. Employing real-life case studies, each chapter presents a range of techniques and discusses what the final product should look like. Appendices provide a wealth of additional information including text of the SEA Directive and the UNECE Protocol on SEA, and a 'toolkit' of SEA techniques. The approach and techniques in Strategic Environmental Assessment in Action are useful for anyone carrying out SEA at any level from policy to programme, international to local, but particularly for practitioners responsible for implementing the SEA Directive.

*Handbook of Regulatory Impact Assessment* Claire A. Dunlop 2016-04-29 Regulatory impact assessment (RIA) is the main instrument used by governments and regulators to appraise the likely effects of their policy proposals. This pioneering Handbook provides a comparative and comprehensive account of this tool, situating it in the relevant theoretical traditions and scrutinizing its use across countries, policy sectors and policy instruments. Comprising six parts, university researchers, international consultants and practitioners working in international organizations examine regulatory impact assessment from many perspectives, which include: • research traditions in the social sciences • implementation, regulatory indicators and effects •

tools and dimensions such as courts and gender • sectoral case studies including environment, enterprise and international development • international diffusion in the European Union (EU), Americas, Asia and developing countries • appraisal, training and education. With its wealth of detail and lessons to be learned, the Handbook of Regulatory Impact Assessment will undoubtedly be of great value to practitioners and scholars working in governance, political science and socio-legal studies.

### **The Theory and Practice of Strategic Environmental**

**Assessment** Thomas B Fischer 2010-09-23 Anyone serious about integrating environmental factors into planning and policy making will gain new insights and ideas from Fischers book on SEA; and students, teachers and practitioners of the subject will find the book essential. Leonard Ortolano, Professor at Stanford University, USA Fischers book demystifies the process and substantive analytical dimensions of SEA. Offering solidly documented empirical evidence of the value of SEA to development, the knowledge captured in this book is a great contribution to the practice. Linda Ghanime, Environmental Operations and Policy Adviser, United Nations Development Program This book is an invaluable reference text for SEA practitioners. I recommend it to everyone! Xu He, Professor and Director of the Strategic Environmental Assessment Center at Nankai University, China Fischer gives a concise and wellstructured account of SEA as it is used today. Readers thus will gain important insights into SEA: why it is important, how it works, and what it can and should achieve. Professor Thomas Bunge, Federal Environment Agency, Germany Strategic Environmental Assessment (SEA) is a fast-growing and rapidly evolving professional field driven by both advances in theory and practice and by regulatory requirements in Europe, North America, Australasia, South Africa and increasingly across Asia. However, to date, analysis of existing practice and associated reporting has remained far from systematic and there has been a clear need for a comprehensive textbook to facilitate teaching, learning and practice in this burgeoning field. This textbook, the first of its kind, provides for a state-of-the-art review of SEA theory and practice and promotes a more systematic approach to SEA. It is written for a wide student, professional and academic audience and aims particularly at supporting the development of SEA modules in undergraduate and postgraduate planning, environmental assessment, engineering and law courses. It provides an overview of the fundamental principles and rules of SEA, reports systematically on international SEA practice and theory and pushes the envelope by developing the theory. Supporting material includes boxed examples and case studies from around the world, extra reading suggestions and a glossary of terms. This is the essential book for all students, professionals and academics in SEA and EIA and follow-up worldwide.

*Governance for the Environment* Alessandra Goria 2010-01-01 The integration of environmental concerns into other policy areas is widely recognized as a key element to achieve sustainable development. It also represents a challenge for the environmental community, requiring not only a new approach to policy-making but also changes to existing policies and their implementation. This essential book presents a diverse set of perspectives and experiences on how to support sustainable development through the integration of environmental issues into various policy sectors. The authors examine existing research on environmental policy integration (EPI) at three.

**Handbook on Strategic Environmental Assessment** Thomas B. Fischer 2021-03-16 This comprehensive Handbook shows how Strategic Environmental Assessment (SEA), an important decision support tool for strategies, policies, plans and programmes, is applied globally. It reflects on SEA practices and the advancements made over the past three decades in the development of SEA. Forty-six expert international contributors discuss the conceptual approaches and applications of SEA in 31 countries, examining numerous sectors, including land-use, transport, energy and water. They also explore how SEA is applied at trans-national, national, regional and local levels, and at a range of decision tiers, including in strategy and policy, as well as in plans and programmes. Analysing how different situations of application are systematically approached, chapters provide a critical insight into the objectives of SEA and the range of methodologies that are available. Taking a forward-thinking

approach, the Handbook also identifies key trends and prospects for SEA in addition to addressing issues of SEA effectiveness and theory development. This Handbook will be a valuable resource for academics and students of environmental governance and regulation. It will also be beneficial for impact assessment practitioners, environmental NGOs and policy makers in the fields of environment and sustainability.

European and International Experiences of Strategic

Environmental Assessment Barry Sadler 2016-03-17 This book brings together the latest thinking in Strategic Environmental Assessment (SEA) and considers the key question of whether the processes are having a positive impact on strategic decision making, both in Europe and worldwide. As governments move to develop green agendas, the book explores the challenges of working within national systems, as well as the strengths and weaknesses of sector-specific SEA. The importance of stakeholder engagement is considered, as is the question of how to turn NIMBYs into WIMBYs – that is, creating positive reasons to encourage development and allow local stakeholders to profit. In assessing ways in which the practice of SEA can provide a new agenda for the 21st Century, the chapters explore current and emerging approaches, procedures and methods, along with ways in which SEA can be linked with other planning tools. The role of research and academia is considered, and the book looks beyond the current status of SEA to address the question of how practitioners can capitalise on the potential of SEA to become integrated into high-level policy as a key element of climate change mitigation strategies. Each chapter is written by internationally renowned authors and based on many years of experience in the field. The book will be essential reading for forward-thinking practitioners and students of SEA.

**Institutional Change for Sustainable Development** Robin Connor 2004-01-01 . . . this book makes an interesting and worthwhile contribution to the ever-expanding body of literature on sustainable development and therefore is to be recommended. Karen Scott, *Journal of Environmental Law* . . . this is an essential text for the study of sustainability and institutional change, an invaluable professional development text for the practitioner, and a text to ponder slowly in all its complexities for an academic study of sustainability. Kate Crowley, *Australian Journal of Environmental Management* Does the road to sustainable development run through institutional reform or, better yet, institutional learning? In this well-argued book, Robin Connor and Stephen Dovers draw on a range of case studies to demonstrate the critical role that institutions play in determining the course of human environment relations. Oran R. Young, University of California, Santa Barbara, US Connor and Dovers correctly argue that achieving sustainability is a long-term process. In this context, they analyze broad institutional innovations toward sustainability to date from Europe to New Zealand, from sustainability councils to property rights to suggest how the historical process might be improved and accelerated. This is among the most constructive efforts I have read. Richard B. Norgaard, University of California, Berkeley, US It is clear that the transition to ecologically sustainable patterns of development requires significant institutional change, yet we face a paradox. Although institutions are the primary means of driving reform, they are themselves a root cause of unsustainable development and a barrier to positive change. This volume moves beyond the current debate by advancing our understanding of the nature of institutional change, the features of more appropriate institutional settings, and the manner in which change can be enabled. *Institutional Change for Sustainable Development* presents a flexible, accessible, yet robust conceptual framework for comprehending institutional dimensions of sustainability, emphasizing the complexity of institutional systems, and highlighting the interdependence between policy learning and institutional change. This framework is applied and developed through the analysis of five significant arenas of institutional and policy change: environmental policy in the EU; New Zealand's landmark Resource Management Act; strategic environmental assessment; emerging National Councils for Sustainable Development; and transformative property rights instruments. From these explorations, key principles for institutional change are identified, including the institutional accommodation of a sustainability discourse, the interdependence

of normative and institutional change; reiteration and learning; integration in policy and practice; subsidiarity; and legal change. *Institutional Change for Sustainable Development* will be of interest to researchers, policymakers and practitioners concerned with sustainability, resource management and environmental policy.

**Strategic Environmental Assessment in Policy and Sector Reform Conceptual Model and Operational Guidance** 2010

**Strategic Environmental Assessment** Rafik Hirji 2009

Transport Policy and the Environment David Banister 2002-09-11

There is currently considerable concern with limiting the growth of transport demand, the use of resources and related pollution. This book makes a major contribution to the debate on transport and the environment and is likely to become a benchmark against which new research will be developed. *Transport Policy and the Environment* presents for the first time the results of extensive research: \*quantifying the contribution of transport to environmental problems. \*assessing the options for resolving those problems. \*investigating the conflicts arising from policy implementation. \*developing new and better methods of data collection and analysis. It brings together the results of a major research programme funded by the UK Economic and Social Research Council on Transport and the Environment and provides a clear view on current policy. It is the major contribution that UK research has made to the debate and provides the first set of substantive results on the effectiveness of policy, and the means by which the impact can be measured and assessed.

**Impact Assessment and Sustainable Development** Clive

George 2007-01-01 'Impact assessment of various types is now a widely used policy tool. This volume helpfully brings together conceptual discussions and case-studies to illustrate how impact assessment can be used to address issues of sustainability. It should be of considerable interest both to academic researchers and to practitioners concerned with the implementation of policies to support sustainable development.' - John Weiss, University of Bradford, UK The translation of the principle of sustainable development into policy and practice, and the evaluation of the outcomes of these strategic interventions, are some of the most pressing challenges facing policymakers in Europe and beyond. By exploring the conceptual and methodological issues relating to the evaluation of sustainable development, and analysing European practice and experience, the sixteen chapters in this volume provide a coherent and integrated contribution to our understanding of these issues. This volume will be of interest to researchers, policy analysts and practitioners in the area of impact assessment and sustainable development.

**Strategic Environmental Assessment in Policy and Sector Reform** The University of Gothenburg 2010

This book presents the findings and recommendations of the evaluation of the World Bank's Strategic Environmental Assessment (SEA) Pilot Program. It shows that SEA can contribute to improving development policy and sector reform by calling attention to environmental and social priorities, strengthening constituencies, enhancing policy capacities, and improving social accountability. It also provides guidance for undertaking SEA in policy and sector reform. Although it acknowledges the need for tailoring SEA to the context of specific sectors and countries, the book discusses in detail--and illustrates with examples--the analytical work and participatory processes required for effective SEA at the policy level. It suggests that the time is ripe for scaling up SEA in development policy and sector reform and recommends the establishment of a global alliance on environmental and climate change mainstreaming to support developing countries' efforts for achieving sustainable development. The book concludes by arguing that SEA applied to sector reform and development policy is a critical step for these efforts to be successful. This title responds to demand for SEA approaches at the policy level from policymakers, development and environmental specialists of bilateral and multilateral institutions, and environmental assessment specialists. This publication is the result of joint work by the Environment Department of the World Bank, the Environmental Economics Unit at the Department of Economics of the University of Gothenburg (EEU), the Swedish EIA Centre at the Swedish University of Agricultural Sciences, and the Netherlands Commission for Environmental Assessment (NCEA.) In line with the Paris

Declaration on Aid Effectiveness, the book also contributes to harmonization of SEA approaches by the donor community that is led by the SEA Task Team of the OECD Development Assistance Committee.

*Handbook on Strategic Environmental Assessment* Thomas B. Fischer 2021-03-26 This comprehensive Handbook shows how Strategic Environmental Assessment (SEA), an important decision support tool for strategies, policies, plans and programmes, is applied globally. It reflects on SEA practices and the advancements made over the past three decades in the development of SEA.

*Innovation in Environmental Policy?* Andrew Jordan 2009-01-01 . . . offering an enjoyable read in comparative politics and policy, it offers a point of reference for understanding the conceptual and empirical possibilities for further research in EPI. Darren McCauley, *West European Politics* . . . a bank of internationally based case studies written by leading environmental experts. The *Environmentalist* The organisation of th[is] book is exemplary, particularly for an edited volume. . . [A]n impressive intellectual contribution to the understanding of EPI. . . I strongly recommend it to scholars and students. . . and, crucially, also to politicians and civil servants who have attempted (or half-attempted) the task of remedying the historical neglect of environmental issues. Ian Bailey, *Environment and Planning C* Good social science may not raise our spirits, but it should improve our policy understanding. Andrew Jordan and Andrea Lenschow have produced a volume that provides a subtle and empirically informed understanding of environmental policy integration, using a design that looks both at the full policy cycle and at cross-national comparisons. From the foreword by Albert Weale FBA, University of Essex, UK Policy coordination is normally studied in hierarchical and institutional terms. This volume demonstrates the power of an idea to function as a framework for coordination. It offers an innovative study of policy coordination, as well as a thorough study of environmental policy. Guy Peters, University of Pittsburgh, US This book deals with a critical challenge facing modern governments: how to integrate environmental thinking into all policy areas. It provides fascinating insights into the progress made in realizing this objective and is a must read for anyone interested in understanding how far we have come, and how far we still have to go, in greening government for sustainable development. James Meadowcroft, Carleton University, Canada This collection brings together leading scholars in the field to explore the origins and applications of different instruments of environmental policy integration from a comparative perspective. This book is a must read for environmental policy practitioners and scholars with an interest in how environmental outcomes can and are being improved. Miranda A. Schreurs, Freie Universität Berlin, Germany Environmental Policy Integration (EPI) is an innovative policy principle designed to deliver sustainable development. This book offers an unrivalled exploration of its conceptualization and implementation, drawing upon a set of interlinked case studies of the most common implementing instruments and the varied experience of applying them in six OECD states and the EU. Written by a team of international experts, it identifies and explains broad patterns and dynamics in what is an important area of contemporary environmental policy analysis. This insightful account of the state-of-the-art aims to offer a valuable resource for academics interested in environmental politics and policy analysis, as well as the broader, interdisciplinary theme of governance for sustainable development . It will interest advanced undergraduate and postgraduate students taking courses in comparative politics, public administration and environmental politics and policy-making. Given the continuing political relevance of sustainability, it should also appeal to NGOs, think tanks and international bodies attempting to coordinate policies across and within different levels of governance.

*Strategic Environmental Assessment for Transport* European Conference of Ministers of Transport 2000-10-30 This report examines recent experience in developing environmental assessment internationally and makes recommendations on maximising the effectiveness of this new tool.

*Strategic Environmental Assessment in the Transport Sector* European Conference of Ministers of Transport 1998-01-22 This report contributes to the development of effective procedures for

incorporating adequate environmental assessments in all strategic transport sector decisions.

*Impact Evaluation in Practice, Second Edition* Paul J. Gertler 2016-09-12 The second edition of the *Impact Evaluation in Practice* handbook is a comprehensive and accessible introduction to impact evaluation for policy makers and development practitioners. First published in 2011, it has been used widely across the development and academic communities. The book incorporates real-world examples to present practical guidelines for designing and implementing impact evaluations. Readers will gain an understanding of impact evaluations and the best ways to use them to design evidence-based policies and programs. The updated version covers the newest techniques for evaluating programs and includes state-of-the-art implementation advice, as well as an expanded set of examples and case studies that draw on recent development challenges. It also includes new material on research ethics and partnerships to conduct impact evaluation. The handbook is divided into four sections: Part One discusses what to evaluate and why; Part Two presents the main impact evaluation methods; Part Three addresses how to manage impact evaluations; Part Four reviews impact evaluation sampling and data collection. Case studies illustrate different applications of impact evaluations. The book links to complementary instructional material available online, including an applied case as well as questions and answers. The updated second edition will be a valuable resource for the international development community, universities, and policy makers looking to build better evidence around what works in development.

*Environmental Performance Review* Economic Commission for Europe 2019-03-20 This programme assesses progress made by individual countries, in this case Albania, in reconciling their economic and social development with environmental protection, as well as in meeting international commitments on environment and sustainable development. It assists countries to improve their environmental policies by making concrete recommendations for better policy design and implementation. The reviews help to integrate environmental policies into sector-specific policies such as those in agriculture, energy, transport and health.

*The Contribution of Strategic Environmental Assessment to Transport Policy Governance* Rodrigo Jiliberto Herrera 2009

**Strategic Environmental Assessment for Policies** Kulsum Ahmed 2008-04-30 Environmentally and socially sustainable policies are essential for good governance. Strategic Environmental Assessment (SEA) is the key tool for integrating environmental considerations into policies, programs and plans. This book focuses on SEA applied to policies. Through lessons learned from previous use of SEA on policies, it draws lessons on the strengths and weaknesses of current SEA methodology. It then goes on to analyze how policies are formulated and implemented and proposes a new conceptual framework for conducting SEA of policies that potentially could be more useful in influencing decision makers to integrate environmental sustainability considerations into policy formulation and implementation.

**Strategic Environment Assessment of the Transport Sector, Ghana** 2008

**Handbook of Strategic Environmental Assessment** Ralf Aschemann 2012-09-10 First Published in 2010. Routledge is an imprint of Taylor & Francis, an informa company.

**Strategic Environmental Assessment** Riki Therivel 2013-07-04 Strategic Environmental Assessment (SEA) is a new approach to environmental assessment, global in scope, which considers the environmental impacts of policies, plans and programmes. It is already in use in a number of countries and is rapidly being adopted by those involved with environmental management and regulation, including governments, official and voluntary sector agencies, academic courses and consultancies. This text defines and analyzes SEA within the overall context of environmental assessment. It introduces and reviews the current state of SEA, evaluates its application in a number of countries with a range of detailed case studies, provides a critique of its techniques and an analysis of its importance for the future.

**Assessment and Decision Making for Sustainable Transport** European Conference of Ministers of Transport 2004-03-10 This report makes recommendations for good practice bringing the results of economic appraisals and environmental assessments

before decision makers in the transport sector on the basis of reviews of recent experience in infrastructure planning and policy development in seven countries.

### **Strategic Environmental Assessment in the Transport**

**Sector** European Conference of Ministers of Transport 1998-01-28 This report contributes to the development of effective procedures for incorporating adequate environmental assessments in all strategic transport sector decisions.

Strategic Environmental Assessment Barry Sadler 2012 This unique sourcebook provides a global, state-of-the-art review of the rapidly evolving field of strategic environmental assessment (SEA) that is intended to serve as a baseline for the work of an OECD Task Team on SEA and a UNEP initiative on integrated planning and assessment. It describes trends in application and experience in different contexts worldwide, providing in-depth coverage of the status of SEA systems, and practice in developed, transitional and developing countries by a range of development agencies. The book draws on a large body of published and unpublished material, and contributions from a wide range of individual experts, organizations and agencies. It provides an unparalleled and invaluable understanding of the emerging scope and potential of SEA and describes how, when and where it is being used. The sourcebook includes a probing review of concepts, terminology, approaches and tools of SEA, and a comparative analysis of the different types of existing SEA systems. The volume also contains many case examples illustrating SEA practice in different countries and contexts, a full set of references and a number of appendices containing source materials.

Progress in Environmental Assessment Policy, and Management Theory and Practice Thomas B Fischer 2015-12-15 Since becoming editor-in-chief in 2009 Thomas Fischer has overseen the publication of 22 issues of the Journal of Environmental and Policy Management. This wide-ranging and thought-provoking volume presents a selection of papers from this period. A number of these papers discuss the topics of the journal's special issues. The others offer various international and comparative perspectives on the development and implementation of environmental assessment (EA) and strategic environmental assessment (SEA). By drawing on the expertise of a number of global experts, this comprehensive volume considers the challenges, successes and progress of EA/SEA policy and management since 2009. This volume is perfect for students and researchers interested in environmental policy and its implementation and management.

Strategic Environmental Assessment and Urban Planning Giovanni Campeol 2020-07-06 This volume gathers a selection of research contributions on Strategic Environmental Assessment (SEA), including theoretical and methodological studies and real-world case studies. It sheds new light on the respective steps in the procedure defined in the SEA Directive from theoretical and operational standpoints, intended to enhance the sustainability of plans and programmes adopted by local, regional and national authorities. Improving the legitimacy and transparency of decision-making in the field of environmental management was one of the goals that led the European Commission (EU) to adopt Directive 2001/42/EC on the assessment of environmental programmes' effects. This book provides a multidisciplinary approach to SEA, and addresses the demand for policies and strategies to strengthen resilience through concrete measures to reduce energy consumption, mitigate pollution, promote social inclusion and create urban identity.

### **The Role of Strategic Environmental Assessment in Developing Sustainable Energy Policies, Plans and**

**Programmes for Ghana** Joseph Somevi 2010-11 Ghana's Vision 2020 and the 1990 energy crises have influenced energy sector policy, plan and programme reforms which in turn have affected development actions. Since these strategic level development decisions have ecological, economic and social ramifications, Strategic Environmental Assessment (SEA) has been seen as an effective tool for aligning energy sector policies, plans and programmes with sustainable development principles. In formulating a theoretical perspective for the study, the two overarching theories, which framed the research, were ecological rationality and institutions. Flowing from these theories, the concepts of environmentalism, sustainable development, SEA and energy policies, plans and programmes have been discussed within the context of the West, Africa and Ghana. By the application of factor analysis, multiple regression, path analysis, partial regression, reliability models and tests of proportion (chi-square) in a quantitative analysis, the study tested key hypotheses and computed reliability and validity coefficients where appropriate.

*Strategic Environmental Assessment in the World Bank* Fernando Loayza 2012 This report presents the results of a review of the World Bank's Strategic Environmental Assessment (SEA) experience undertaken by the World Bank learning community-the SEA Community of Practice (CoP). This report is no more than a first step. Its findings and results cannot be treated as conclusive. The World Bank follows the Organization for Economic Co-operation and Development (OECD) in describing SEA as 'analytical and participatory approaches to strategic decision-making that aim to integrate environmental considerations into policies, plans and programs, and evaluate the inter linkages with economic and social considerations'. Over time SEA has become more strategic by bringing different groups of stakeholders into an environmental and social dialogue in an iterative and adaptive way. Impact-centered approaches to SEA best fit to integrate environmental considerations in plans and programs where environmental impacts and risks can be identified and predicted. Country environmental analysis is a type of policy SEA developed to inform the dialogue between the Bank and client countries on national environmental priorities. The main objective is to strengthen Bank staff's capacity on SEA by fostering learning in applying SEA in World Bank-supported projects and thus contribute to sustainable development outcomes in programs, plans, and policies of client countries. To achieve this objective, among other activities of the SEA CoP, there is a component to take stock of the Bank's recent regional experience with the following scope of work. The structure of this report organized as: chapter two presents the synthesis and conclusions from the cross-analysis of the regional reviews. Chapters three through eight present the findings and conclusions of the regional reviews. Chapter three on the SEA experience in East Asia and the Pacific focuses on the use of SEA mainly as a tool for environmental safeguarding. Chapter four analyzes the use of SEA as a planning and policy tool drawing on the Middle East and North Africa experience. A mixed experience with impact-centered and policy SEA approaches is described by chapter five on South Asia. Chapter six on Sub-Saharan Africa shows a trend of using SEA initially for environmental safeguarding but later for informing policy making. Chapter seven shows that sector reforms and infrastructure developments have influenced the use of SEA in Latin America. And the mixed results of promoting SEA practice by making it regionally mandatory through the European Union's SEA directive are described in chapter eight on Europe and Central Asia.