

Strategic Environmental Assessment In Policy And Sector Reform Conceptual Model And Operational Guidance Environment And Development

[Environmental Assessment in Practice](#) [Environmental Assessment in Developing and Transitional Countries](#) [Routledge Handbook of Environmental Impact Assessment The Theory and Practice of Strategic Environmental Assessment](#) [Strategic Environmental Assessment in Action](#) [Environmental Impact Assessment in the United States](#) [Handbook of Environmental Engineering Assessment](#) [Multicriteria Environmental Assessment](#) [Environmental Assessment in Countries in Transition](#) [Environmental Assessment of Products](#) [Strategic Environmental Assessment in Action](#) [Environmental Impact Assessment: A Practical Guide](#) [Handbook of Strategic Environmental Assessment](#) [Introduction To Environmental Impact Assessment](#) [Environmental Assessment and Management in the Food Industry](#) [Implementing Strategic Environmental Assessment](#) [Strategic Environmental Assessment and Land Use Planning](#) [Handbook of Strategic Environmental Assessment](#) [Strategic Environmental Assessment](#) [Environmental Impact Assessment](#) [Strategic Environmental Assessment](#) [Environmental Assessment Public Participation in Environmental Assessment and Decision Making](#) [Environmental Impact Assessment](#) [Adaptive Environmental Assessment and Management](#) [The Theory and Practice of Strategic Environmental Assessment](#) [Environmental Assessment & Impact Statement Handbook](#) [Environmental Assessments](#) [Environmental Impact Assessment in the UK](#) [Tools, Techniques & Approaches for Sustainability Perspectives on Strategic Environmental Assessment](#) [Environmental Assessment Sourcebook: Policies, procedures, and cross-sectoral issues](#) [Methods of Environmental Impact Assessment](#) [Effective Environmental Assessments](#) [Health and Environmental Impact Assessment](#) [Environmental Policy and Impact Assessment in Japan](#) [Multicriteria Environmental Assessment](#) [Environmental Assessment and Design](#) [Environmental Impact Assessment for Developing Countries](#) [Planning and Environmental Impact Assessment in Practice](#)

Right here, we have countless book **Strategic Environmental Assessment In Policy And Sector Reform Conceptual Model And Operational Guidance Environment And Development** and collections to check out. We additionally have the funds for variant types and in addition to type of the books to browse. The adequate book, fiction, history, novel, scientific research, as without difficulty as various additional sorts of books are readily clear here.

As this Strategic Environmental Assessment In Policy And Sector Reform Conceptual Model And Operational Guidance Environment And Development, it ends up physical one of the favored book Strategic Environmental Assessment In Policy And Sector Reform Conceptual Model And Operational Guidance Environment And Development collections that we have. This is why you remain in the best website to see the amazing ebook to have.

[Environmental Assessment & Impact Statement Handbook](#) Aug 08 2020

The Theory and Practice of Strategic Environmental Assessment Jul 31 2022 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.

Health and Environmental Impact Assessment Nov 30 2019 This text shows why we need to develop an integrated approach to health and environmental impact assessment of development projects, and how this might be achieved. Case studies and examples are provided

[Environmental Assessments](#) Jul 07 2020 In this authoritative book, leading international experts examine the use of scenario analyses and modelling in environmental assessments. Including chapters with a global or regional focus as well as in-depth case studies from Africa, Asia, Australia, Europe, North and South America, contributors analyse the latest research on the applications of scenarios and models and explore the opportunities and challenges in using them for policy relevant research and action.

[Methods of Environmental Impact Assessment](#) Jan 31 2020 Written by experts, this text deals with how environmental impact assessment should be carried out for specific environmental components such as air and water.

[Handbook of Strategic Environmental Assessment](#) Oct 22 2021 This authoritative handbook surveys the full breadth and depth of SEA, bringing together a range of international perspectives and insights on the theoretical, methodological and institutional dimensions and practical issues of the field. It then subjects this conventional wisdom to a critical reappraisal, looks at the vast lessons of experience and offers new ideas and interpretations as to where the field is going. The volume is organized into six major sections, beginning with an introduction and overview of the development of the field and a framework for evaluating SEA good practice. Part I comprises a review of SEA frameworks in leading countries (Australia, Canada, New Zealand and the USA), the European Union and developing regions (Africa, Asia, Latin America and Newly Independent States). Part II reviews SEA practice in several major sectors (energy, minerals, transport, water, development assistance and coastal zone management). Part III addresses the linkages between SEA and other comparable tools such as spatial planning and environmental management. Part IV probes key cross-cutting issues in SEA, including how to address cumulative and trans-boundary effects. Part V identifies ways and means of SEA process and capacity development, focusing on how to improve and upgrade the theory and practice of the field. Part VI examines the shift from conventional SEA towards more integrative approaches, drawing on experience and examples from a number of countries. Published with IAIA

[Introduction To Environmental Impact Assessment](#) Sep 20 2021 First Published in 1994. Routledge is an imprint of Taylor & Francis, an informa company.

Public Participation in Environmental Assessment and Decision Making Dec 12 2020 Federal agencies have taken steps to include the public in a wide range of environmental decisions. Although some form of public participation is often required by law, agencies usually have broad discretion about the extent of that involvement. Approaches vary widely, from holding public information-gathering meetings to forming advisory groups to actively including citizens in making and implementing decisions. Proponents of public participation argue that those who must live with the outcome of an environmental decision should have some influence on it. Critics maintain that public participation slows decision making and can lower its quality by including people unfamiliar with the science involved. This book concludes that, when done correctly, public participation improves the quality of federal agencies' decisions about the environment. Well-managed public involvement also increases the legitimacy of decisions in the eyes of those affected by them, which makes it more likely that the decisions will be implemented effectively. This book recommends that agencies recognize public participation as valuable to their objectives, not just as a formality required by the law. It details principles and approaches agencies can use to successfully involve the public.

Multicriteria Environmental Assessment Sep 28 2019 This book uses real-life examples to analyze techniques for undertaking the task of making an Environmental Impact Assessment (EIA) of a project. The text offers suggestions on how to quantify the effects on people's lives; comparative end results of using certain renewable and non-renewable resources; how to cost economic development against sustainability; and how to measure the unmeasurable: sunsets,

tropical forests, mountains and more.

The Theory and Practice of Strategic Environmental Assessment Sep 08 2020 First Published in 2007. Routledge is an imprint of Taylor & Francis, an informa company.

Tools, Techniques & Approaches for Sustainability May 05 2020 This unique volume brings together key writings from experts drawn from the first ten years of the Journal of Environmental Assessment Policy and Management (JEAPM), launched in 1999 as a forum for encouraging better linkages between environmental assessment and management tools. The book is structured around four themes that focus on the characteristics of tools that influence their ability to link together effectively: The Nature of Tools; the Nature of Decision-Making and Institutional Context; the Nature of Engagement and The Nature of Sustainability. Edited and introduced by William Sheate, founding and present editor of JEAPM, The book provides an analysis of what makes for successful linking of assessment and management tools, supported by theoretical and practical examples. Key authors include Roland Clift, David Gadenne, Robert Gibson, Neils Faber, Thomas Fischer, David Lawrence, Maring;ns Nilsson, Bronwyn Ridgway, and Frank Vanclay.

Strategic Environmental Assessment Feb 11 2021 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.

Strategic Environmental Assessment in Action Dec 24 2021 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.

Environmental Impact Assessment in the United States May 29 2022 Environmental impact assessment is now firmly established as an important and often mandatory part of proposing any development project. Environmental Impact Assessment in the United States provides foundational knowledge of environmental review in the United States as carried out at federal, state, and local levels, with detailed information about the National Environmental Policy Act (NEPA) and its applications, and other relevant federal and state legislation. This book will aid planners, architects, engineers, project managers, or consultants who work with environmental impact statements to assess the effects of a proposed activity on the environment and who develop and assess measures to avoid or minimize those impacts. It will serve as a desk reference for professional environmental planners as well as a core textbook for students who intend to work in the fields of environmental policy, civil engineering, environmental law, resources management, or other areas of environmental management.

Environmental Assessment in Developing and Transitional Countries Oct 02 2022 Since the 1980s, and especially since the Rio Earth Summit in 1992, there has been a substantial extension in the adoption and use of Environmental Assessment (EA) procedures in developing countries and countries in transition (low and middle income countries). However, few existing texts in environmental assessment or development studies have reflected this trend sufficiently, until this publication. Divided into two main parts: * EA Principles, Processes and Practice. * Country and Institutional Studies of EA Procedures and Practice. This book explains the essentials of environmental impact assessment in the context of developing countries and assesses its importance to both developed and developing countries.

Environmental Assessment and Design Aug 27 2019

Environmental Impact Assessment for Developing Countries Jul 27 2019 Environmental Impact Assessment for Developing Countries is based on selected papers presented at the 1991 International Conference on Environment Impact Assessment, held at New Delhi, India. This work is organized into four parts encompassing 18 chapters. Part I provides an overview and general considerations of balance environmental impact assessment (EIA), with particular emphasis in the developing countries in Asia. Part II highlights various EIA performed in different industry, including chemical plants, coal mining, thermal and power plant, and solid waste disposal. This part also describes the simulation modeling in EIA. Part III discusses the national experiences in EIA. This part elaborates on EIA of development projects in Netherlands, Sweden, Philippines, Tanzania, Canada, India, and United Kingdom. Part IV provides a summary and recommendations. This book will prove useful to environmental and research scientists.

Routledge Handbook of Environmental Impact Assessment Sep 01 2022 "Globally, Environmental Impact Assessment (EIA) is one of the most enduring and influential environmental management tools. This Handbook provides readers with a strong foundation for understanding the practice of EIA, by outlining the different types of assessment while also providing a guide to best practice. This collection deploys a research and practice-based approach to the subject, delivering an overview of EIA as an essential and practical tool of environmental protection, planning, and policy. To best understand the most pertinent issues and challenges surrounding EIA today, this volume draws together prominent researchers, practitioners, and young scholars who share their work and knowledge to cover two key parts. The first part introduces EIA processes and best practices through analytical and critical chapters on the stages/elements of the EIA process and different components and forms of assessment. These provide examples that cover a wide range of assessment methods and crosscutting issues; including cumulative effects assessment, social impact assessment, Indigenous led assessment, risk assessment, climate change, and gender-based assessment. The second part provides jurisdictional reviews of the European Union, the US National Environmental Policy Act, recent assessment reforms in Canada, EIA in developing economies, and the EIA context in England. By providing a succinct outline of process followed by in-depth illustrations of approaches, methods and tools, and case studies, this book will be essential for students, scholars, and practitioners of Environmental Impact Assessment"--

Perspectives on Strategic Environmental Assessment Apr 03 2020 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 in Practice Nov 03 2022 This text explains what constitutes good practice in applying environmental assessment as an environmental management tool. A wide range of case studies and other student text features are employed to demonstrate how the different methods, techniques and disciplines of environmental assessment can be used. The authors address the key concepts for environmental assessment procedures: methods for using E.A.; techniques for impact prediction and evaluation; environmental risk assessment; EA consultation and participation; project management; environmental statement review and post-project analysis; and strategic environmental assessment. Worldwide case studies include: gas pipelines, hydroelectric power plants, gold mining, river crossings, waste-to-energy plants and gravel extraction in England, Scotland, Ireland, Canada, the USA, Venezuela, the Netherlands, Iceland, Zambia, Zimbabwe, South Africa and Ghana.

Environmental Assessment and Management in the Food Industry Aug 20 2021 Life cycle assessment (LCA) of production and processing in the food industry is an important tool for improving sustainability. Environmental assessment and management in the food industry reviews the advantages, challenges and different applications of LCA and related methods for environmental assessment, as well as key aspects of environmental management in this industry sector. Part one discusses the environmental impact of food production and processing, addressing issues such as nutrient management and water efficiency in agriculture. Chapters in Part two cover LCA methodology and challenges, with chapters focusing on different food industry sectors such as crop production, livestock and

aquaculture. Part three addresses the applications of LCA and related approaches in the food industry, with chapters covering combining LCA with economic tools, ecodesign of food products and footprinting methods of assessment, among other topics. The final part of the book concentrates on environmental management in the food industry, including contributions on training, eco-labelling and establishing management systems. With its international team of editors and contributors, Environmental assessment and management in the food industry is an essential reference for anyone involved in environmental management in the food industry, and for those with an academic interest in sustainable food production. Reviews the advantages, challenges and different applications of LCA and related methods for environmental assessment. Discusses the environmental impact of food production and processing, addressing issues such as nutrient management and water efficiency in agriculture. Examines environmental management in the food industry, including contributions on training, eco-labelling and establishing management systems.

Environmental Assessment Jan 13 2021 Environmental assessment is a relatively new area of work and very few practical guides to the subject exist - until now. This invaluable text provides practical information and guidance on why environmental impact assessments are necessary, what they are intended to achieve, what the legal requirements are and, most importantly, how to carry them out on a wide range of projects. The text contains many examples of best practice for a variety of circumstances.

Multicriteria Environmental Assessment Mar 27 2022 This book uses real-life examples to analyze techniques for undertaking the task of making an Environmental Impact Assessment (EIA) of a project. The text offers suggestions on how to quantify the effects on people's lives; comparative end results of using certain renewable and non-renewable resources; how to cost economic development against sustainability; and how to measure the unmeasurable: sunsets, tropical forests, mountains and more.

Environmental Assessment in Countries in Transition Feb 23 2022 "This study will be of interest to EA practitioners in public administration; development and consultant organizations; training and educational and research institutes; and international and bilateral aid agencies. Project level EIA (Environmental Impact Assessment) and, to a lesser extent, SEA (Strategic Environmental Assessment) for planning and other strategic level actions have been, or are being, introduced in the great majority of countries in transition (CIT). As yet, however, most of the countries have only limited experience in formulating "state of the art" EIA regulations and applying them satisfactorily. Furthermore, such experiences in CITs that do exist are not yet sufficiently well documented and widely disseminated. This report should be of considerable value in helping strengthen EA regulation and practice in the region."--BOOK JACKET.

Strategic Environmental Assessment and Land Use Planning Jun 17 2021 'A wonderfully international and up-to-date perspective on strategic environmental assessment of land use plans by leading experts in the field. Strategic Environmental Assessment and Land Use Planning covers not only how much such SEAs are carried out and in what context, but whether they are effective and why. It provides invaluable insights for practitioners and researchers in this rapidly evolving field' Riki Therivel, author of Strategic Environmental Assessment in Action Strategic Environmental Assessment and Land Use Planning provides an authoritative, international evaluation of the SEA of land use plans. The editors place the SEA of land use plans in context, and uniquely qualified contributors then evaluate systems in Canada, Denmark, Germany, Hong Kong, Hungary, Ireland, The Netherlands, New Zealand, Portugal, South Africa, Sweden, the United Kingdom, the United States and the World Bank. These chapters provide a description of the context in each country, a case study of the use of SEA in land use planning and an evaluation of each SEA system against a set of generic criteria specially designed to analyse different aspects of SEA. The contributors critically review each SEA system, SEA process and SEA outcome, and conclude by summarizing their findings. The editors draw the various national perspectives together in a final chapter and derive widely applicable conclusions about SEA and land use planning. This book is a core text for all students in environmental assessment, land use planning, environmental science, environmental management, development studies, geography, landscape design and law and engineering. It is also essential reading for all governments and environmental regulators, academics, researchers and environmental and planning consultants worldwide who are involved in SEA research, practice and training.

Strategic Environmental Assessment Apr 15 2021 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.

Strategic Environmental Assessment in Action Jun 29 2022 A practical guide on how to carry out strategic environmental assessment (SEA). The book presents a 'how-to-do-it' approach, considering the different stages of SEA and employing real-life case studies. A final chapter discusses resources and capacity building.

Adaptive Environmental Assessment and Management Oct 10 2020 This book develops an adaptive approach to environmental impact assessment and management and is based on a study initiated by a workshop convened in early 1974 by SCOPE (Scientific Committee on Problems of the Environment). CS Holling discusses the nature and behavior of ecological systems and its issues, limitations, and potential of environmental assessment. Further, he discusses how we can incorporate impact assessment studies with actual environmental planning and decision making. Crawford Holling received his B.A. and M.Sc. at the University of Toronto (1952) and his Ph.D. at the University of British Columbia (1957). He worked in the laboratories of the Department of the Environment, Government of Canada. Since then, he has been, at various times, Professor and Director of the Institute of Resource Ecology, University of British Columbia, Vancouver, Canada, and Director of the International Institute for Applied Systems Analysis (IIASA), Vienna, Austria. He now occupies the Arthur R. Marshall Jr. Chair in Ecological Sciences at the University of Florida and has launched a comparative study of the structure and dynamics of ecosystems.

Implementing Strategic Environmental Assessment Jul 19 2021 This comprehensive Handbook describes the implementation of SEA in 18 countries around the world, as well as a critical analysis of different SEA methodologies. It introduces key SEA principles and the legal requirements of the new European SEA Directive, which became law in 2004, and describes the implementation of SEA in 11 European Union countries, as well as the USA, Canada and New Zealand. This is contrasted with SEA requirements of four developing countries.

Effective Environmental Assessments Jan 01 2020 Although upwards of 50,000 Environmental Assessments (EA) are prepared annually, the focus of the National Environmental Policy Acts (NEPA) Regulations is clearly on defining requirements for preparing environmental impact statements. Surprisingly, until now, there has been no authoritative and comprehensive guide on how to prepare Environmental Assessments (EAs). Effective Environmental Assessments: How to Manage and Prepare NEPA EAs fills that gap. Authored by one of the nations leading experts, and recipient of the President's Award for Outstanding Performance by the National Association of Environmental Professionals, the book provides you with de facto direction and best professional standards for preparing publicly defensible EAs. The result is an indispensable source of practical information. No other book available come close to providing the wealth of information provided in Effective Environmental Assessments: How to Manage and Prepare NEPA EAs.

Handbook of Environmental Engineering Assessment Apr 27 2022 This is one of the most comprehensive books on complex subjects of environmental engineering assessment and planning. Addressing these issues requires an understanding of technical, economic, and policy perspectives; based upon extensive research and practical experience of the authors, these perspectives are thoughtfully and clearly presented. Covered in this book are subjects related to environmental engineering and planning which include environmental laws and regulations, international perspectives on environmental analysis engineering and planning, economic and social impact analysis, public participation, and energy and environmental implications of major public works and private projects. Contemporary issues ranging from climate change to ecorisk and sustainability are covered in a special section as well. Under Contemporary Challenges are environmental issues that have received considerable public support and concern; they include: climate change, acid rain, deforestation, endangered species, biodiversity, ecorisk, cultural resources, and sustainability. For most of these issues, there are scientific agreements and disagreements; there are many uncertainties, thus views differ widely. These topics are discussed in considerable detail. Notwithstanding uncertainties and differing views on such topics, all of this information is put in a policy context such that progress towards addressing these contemporary challenges can be made while consensus on the nature and extent of the problem and resultant solutions are being developed. The book provides considerable information about many timeless issues. These issues range from resources needed for sustaining the quality of life on the planet: air resources to natural resources. Specifically covered are: air, water, land, ecology, sound/noise, human aspects, economics, and resources. For each of these areas, some of the key elements are described so that one can effectively manage complex environmental engineering and planning requirements. Each of the elements are clearly defined and other information, such as how human activities affect the element, source of affects, variable to be measured, how such variables can be measured, data sources, and evaluation and interpretation of data, etc. are provided. Material presented provides a rich source of information so the reader can efficiently and effectively use it to make meaningful environmental

engineering, planning, and management decisions. Help with every aspect of analyzing the environmental implications of a project Complete coverage of current approaches, practices, procedures, documentations, regulations, and issues related to environmental engineering and planning Step-by-step directions for preparing environmental impact analysis, and environmental reports Valuable expert advice on international perspectives, public participation, social and environmental impacts A comprehensive write-up on contemporary issues ranging from climate change to sustainability A comprehensive description and analysis of timeless issues ranging from air resources to natural resources

Environmental Impact Assessment in the UK Jun 05 2020 The specific aim of this text is to explain the new Environmental Impact Assessment (EIA) procedure in the UK implemented as a result of the 1997 amendments to the European Union's Environmental Assessment Directive 1985. In doing this, the book aims to explain the implications of the UK procedures to readers from a wide range of backgrounds assuming no prior knowledge of EIA.

Environmental Assessment of Products Jan 25 2022 The aim of this book is to support industry in their effort to design environmentally friendly products. The book comprises a method and a manual for life cycle assessment of products and it includes examples of how industrial companies have used the method successfully in the design of more environmentally friendly products. The method has been developed over a period of four years under the Danish EDIP programme (Environmental Design of Industrial Products) by a team representing the Technical University of Denmark, five Danish industrial companies, the Confederation of Danish Industries and the Danish Environmental Protection Agency. The method is coherent and operational and it is well documented by a large variety of examples including five different complex electromechanical products. It guides the user through the inventory and assessment of environmental impacts of products and shows how various products and design solutions during product development can be compared. The method is supported by a base of data for the assessments of environmental impacts and is thus designed as a tool which will make it possible for the user to start on life cycle assessment at once. The book also guides the user through the identification of environmental improvement potentials in the product and the setting of environmental specifications within the general concept of overall commercial optimization. The partnership between industry, authorities and university has been highly fruitful.

Environmental Assessment Sourcebook: Policies, procedures, and cross-sectoral issues Mar 03 2020 World Bank Technical Paper No. 139. Also available: Volume 2 (ISBN 0-8213-1844-6) Stock No. 11844; Volume 3 (ISBN 0-8213-1845-4) Stock No. 11845. Provides state-of-the-art guidance and information on the procedural requirements and practical aspects of environmental assessment in various sector- and location-specific contexts. Three volumes also available in Arabic: Volume 1 (ISBN 0-8213-3523-5) Stock No. 13523; Volume 2 (ISBN 0-8213-3617-7) Stock No. 13617; Volume 3 (ISBN 0-8213-3618-5) Stock No. 13618.

Environmental Policy and Impact Assessment in Japan Oct 29 2019 First published in 1991. Japanese attitudes to pollution and environmental protection were distinctly equivocal. The Japanese are a nature-loving people, yet they are responsible for widespread environmental destruction; Japan has some of the world's strictest environmental quality standards, but the country also has some of the world's most environmentally damaged areas. In this book the authors present a broad and detailed analysis of policy and process in Japan in the late twentieth century. Brendan Barrett and Riki Therivel, who both have extensive research experience in Japan, describe interest group participation in Japan's environmental policy-making and give an historical review of the relationship between economic growth and environmental problems. They look at the framework for environmental policy-making and outline the system for environmental management. This is complemented by a discussion of Environmental Impact Assessment, and by live case studies of the practical realities of EIA in Japan. With environmental problems reaching global proportions, countries all over the world have much to learn from the experience of Japan, and the book will be extremely useful to national government officials, to local planning officers responsible for EIA, and to environmental consultants working for commercial and industrial companies. It will also be essential reading for students of geography, environmental studies, Japanese studies and planning economics.

Environmental Impact Assessment Nov 10 2020 This book provides a detailed treatment of the ecological, economic and social impacts in the context of environmental impact assessment (EIA) and makes clear the necessary link between EIA and the sustainability principles of protecting biodiversity, risk aversion, and inter and intra-generational equity. It proposes that the benefits and costs of a project need to be weighted according to who bears them, giving particular attention to the planet's poor. Furthermore, this book presents a comprehensive analysis of environmental offsetting which has come to be commonly resorted to when negative impacts cannot be mitigated. In this context, the book argues that offsetting is only viable if advanced offsets are quarantined through a Strategic Environmental Impact approach. Finally, the book explores the role of the various disciplines which need to be mastered in undertaking an EIA. This book takes you on a journey from the beginning of environmental impact assessment to the present day. It is a scholarly work and all study. For each trial and tribulation, Hundloe presents a remedy. It is essential reading and an invaluable reference for environmental practitioners, politicians, policy makers, academics and, the most important group, future environmental practitioners. Tor Hundloe is a pioneer of environmental impact assessment. He is an Emeritus Professor at the University of Queensland and an original staff member of the world's first environmental school, at Griffith University. His research has taken him to environmental hot spots around the world. He has the prestigious Order of Australia.

Environmental Impact Assessment: A Practical Guide Nov 22 2021 Shows how to navigate federal, state, and local requirements

Handbook of Strategic Environmental Assessment May 17 2021 This authoritative handbook surveys the full breadth and depth of SEA, bringing together a range of international perspectives and insights on the theoretical, methodological and institutional dimensions and practical issues of the field. It then subjects this conventional wisdom to a critical reappraisal, looks at the vast lessons of experience and offers new ideas and interpretations as to where the field is going. The volume is organized into six major sections, beginning with an introduction and overview of the development of the field and a framework for evaluating SEA good practice. Part I comprises a review of SEA frameworks in leading countries (Australia, Canada, New Zealand and the USA), the European Union and developing regions (Africa, Asia, Latin America and Newly Independent States). Part II reviews SEA practice in several major sectors (energy, minerals, transport, water, development assistance and coastal zone management). Part III addresses the linkages between SEA and other comparable tools such as spatial planning and environmental management. Part IV probes key cross-cutting issues in SEA, including how to address cumulative and trans-boundary effects. Part V identifies ways and means of SEA process and capacity development, focusing on how to improve and upgrade the theory and practice of the field. Part VI examines the shift from conventional SEA towards more integrative approaches, drawing on experience and examples from a number of countries. Published with IAIA

Planning and Environmental Impact Assessment in Practice Jun 25 2019 Environmental Impact Assessment (EIA) is a fast-growing field of land-use planning affecting many disciplines. At present, UK Government legislation requires EIA for certain types of development. Subject to a further new European directive, an EIA will be required for all policies, plans and programmes. Planning and Environmental Impact Assessment in Practice provides a practical introduction to the subject and relates the theory to the practice through extensive use of case studies. Edited by Joe Weston, the book draws on contributions from a number of practising experts in the field and covers topics such as: assessing the need for EIAs; the environmental team; scoping and public participation; internal and external consultation; local lobbying; local authority review and decision-making; public enquiries; monitoring the impacts; pollution control; and the lessons to be learned. Planning and Environmental Impact Assessment in Practice provides a practical introduction to EIA for final year undergraduate and postgraduate MSc courses in planning, geography, civil engineering, building and estate management, and development.

Environmental Impact Assessment Mar 15 2021 Environmental Impact Assessment (EIA) has become a vital management tool worldwide. EIA is a means of evaluating the likely consequences of a proposed major action which will significantly affect the environment, before that action is taken. This new edition of Wood's key text provides an authoritative, international review of environmental impact assessment, comparing systems used in the UK, USA, the Netherlands, Canada, the Commonwealth of Australia and New Zealand and South Africa.