

Integrated Project Management Sourcebook Springer

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Public Sector Transformation through E-Government Vishanth Weerakkody 2012-11-12 Over the last decade governments in Europe and North America have attempted to improve efficiency of public services through Information and Communication Technology, commonly branded as electronic government (e-government). Public Sector Transformation through E-Government explores the influence that e-government has on public sector organizations, the organizational complexities that result, and its impact on citizens and democratic society. This book examines e-government's potential to transform public services from a theoretical perspective, and provides practical examples from leading public sector institutions that have utilized e-government as a basis to bring about change. It further investigates the relationship between citizens and government and how they are affected by e-government policies and programs. Aimed at students and researchers of public administration/management and information systems, this book serves as a welcome tool for examining and understanding e-government and transformational change.

Indigenous People and Nature Uday Chatterjee 2022-04-18 Indigenous People and Nature: Insights for Social, Ecological, and Technological Sustainability examines today's environmental challenges in light of traditional knowledge, linking insights from geography, population, and environment from a wide range of regions around the globe. Organized in four parts, the book describes the foundations of human geography and its current research challenges, the intersections between environment and cultural diversity, addressing various type of ecosystem services and their interaction with the environment, the impacts of sustainability practices used by indigenous culture on the ecosystem, and conservation ecology and environment management. Using theoretical and applied insights from local communities around the world, this book helps geographers, demographers, environmentalists, economists, sociologists and urban planners tackle today's environmental problems from new perspectives. Includes in-depth case studies across different geographic spaces Contains contributions from a range of young to eminent scholars, researchers and policymakers Highlights new insights from social science, environmental science and sustainable development Synthesizes research on society, ecology and technology with sustainability, all in a single resource

The Data-Driven Project Manager Mario Vanhoucke 2018-03-27 Discover solutions to common obstacles faced by project managers. Written as a business novel, the book is highly interactive, allowing readers to participate and consider options at each stage of a project. The book is based on years of experience, both through the author's research projects as well as his teaching lectures at business schools. The book tells the story of Emily Reed and her colleagues who are in charge of the management of a new tennis stadium project. The CEO of the company, Jacob Mitchell, is planning to install a new data-driven project management methodology as a decision support tool for all upcoming projects. He challenges Emily and her team to start a journey in exploring project data to fight against unexpected project obstacles. Data-driven project management is known in the academic literature as "dynamic scheduling" or "integrated project management and control." It is a project management methodology to plan, monitor, and control projects in progress in order to deliver them on time and within budget to the client. Its main focus is on the integration of three crucial aspects, as follows: Baseline Scheduling: Plan the project activities to create a project timetable with time and budget restrictions. Determine start and finish times of each project activity within the activity network and resource constraints. Know the expected timing of the work to be done as well as an expected impact on the project's time and budget objectives. Schedule Risk Analysis: Analyze the risk of the baseline schedule and its impact on the project's time and budget. Use Monte Carlo simulations to assess the risk of the baseline schedule and to forecast the impact of time and budget deviations on the project objectives. Project Control: Measure and analyze the project's performance data and take actions to bring the project on track. Monitor deviations from the expected project progress and control performance in order to facilitate the decision-making process in case corrective actions are needed to bring projects back on track. Both traditional Earned Value Management (EVM) and the novel Earned Schedule (ES) methods are used. What You'll Learn Implement a data-driven project management methodology (also known as "dynamic scheduling") which allows project managers to plan, monitor, and control projects while delivering them on time and within budget Study different project management tools and techniques, such as PERT/CPM, schedule risk analysis (SRA), resource buffering, and earned value management (EVM) Understand the three aspects of dynamic scheduling: baseline scheduling, schedule risk analysis, and project control Who This Book Is For Project managers looking to learn data-driven project management (or "dynamic scheduling") via a novel, demonstrating real-time simulations of how project managers can solve common project obstacles

Report of the Expert Consultation on the Development of Sustainable Aquaculture Guidelines Food and Agriculture Organization of the United Nations 2022-03-02 The Expert Consultation on the Development of the Sustainable Aquaculture Guidelines was held in Rome, Italy from 17 to 20 June 2019 to come out with a proposal for developing the Sustainable Aquaculture Guidelines to be presented in August 2019 at the tenth session of the Sub-Committee on Aquaculture of the Committee on Fisheries (COFI). The specific objectives of this Expert Consultation were to propose criteria for selecting case studies aimed at providing lessons learned for the development of the Sustainable Aquaculture Guidelines, and methodologies for documenting the case studies, for analysing the case studies to identify the lessons learned, and for developing the Sustainable Aquaculture Guidelines by also making use of existing guidelines. The consultation was attended by 15 experts, one resource person and FAO staff. The consultation was organized into both plenary and group discussions. The Experts agreed on a proposed methodology for identifying and selecting the lessons learned from strategies and experiences of aquaculture development worldwide; a methodology for documenting and analysing the lessons learned; a list of thematic modules; a gap analysis between existing guidelines and needs for new ones, and; an updated roadmap for the development of the Sustainable Aquaculture Guidelines.

Cumulative Book Index 1996 A world list of books in the English language.

Handbook of Research on Leveraging Risk and Uncertainties for Effective Project Management Raydugin, Yuri 2016-11-29 The proper understanding and managing of project risks and uncertainties is crucial to any organization. It is of paramount importance at all phases of project development and execution to avoid poor project results from meager economics, overspending, reputation and environmental damage, and even loss of life. The Handbook of Research on Leveraging Risk and Uncertainties for Effective Project Management is a comprehensive reference source for emerging perspectives of managing risks associated with the execution and development of projects. Highlighting innovative coverage written by top industry specialists, such as complexity theory, psychological bias and risk management fallacies, probabilistic risk analysis, and various aspects of project decision making, this book is ideally designed for project and risk managers, project engineers, cost estimators, schedulers, safety and environmental protection specialists, corporate planners, financial and insurance specialists, corporate decision makers, as well as academics and lecturers working in the area of project management and students pursuing PMP, PMI-RMP, ISO 31000, etc. certification.

Sustainability Appraisal Barry Dalal-Clayton 2014-03-26 Sustainability Appraisal is a sourcebook of the state-of-the-art of this rapidly emerging and diversifying area. It draws on a wealth of international experiences and approaches to illustrate the status and scope of Sustainability Appraisal/Assessment (SA) This comprehensive guide highlights how SA can be used to analyse and integrate the key environmental, social and economic pillars of sustainability into decision-making at all levels, from policy to project to investment, by government, business and industry, or international organizations. Distilling both published and unpublished materials, and with contributions from a range of leading experts, organizations and agencies, this book will be of significant value to professionals everywhere who are in need of a solid, reference guide to what constitutes SA practice and, more importantly, how and when it can be applied. *Understanding Global Climate Change* Arthur P Cracknell 2021-07-28 Climate change, a familiar term today, is far more than just global warming due to atmospheric greenhouse gases including CO2. In order to understand the nature of climate change, it is necessary to consider the whole climatic system, its complexity, and the ways in which natural and anthropogenic activities act and influence that system and the environment. Over the past 20 years since the first edition of Understanding Global Climate Change was published, not only has the availability of climate-related data and computer modelling changed, but our perceptions of it and its impact have changed as well. Using a combination of ground data, satellite data, and human impacts, this second edition discusses the state of climate research today, on a global scale, and establishes a background for future discussions on climate change. This book is an essential reference text, relevant to any and all who study climate and climate change. Features Provides a thought-provoking and original approach to the science of climate. Emphasises that there are many factors contributing to the causation of climate change. Clarifies that while anthropogenic generation of carbon dioxide is important, it is only one of several human activities contributing to climate change. Considers climate change responses needed to be undertaken by politicians and society at national and global levels. Totally revised and updated with state-of-the-art satellite data and climate models currently in operation around the globe.

Construction Project Monitoring and Evaluation Callistus Tengan 2021-04-27 This book will provide readers with an in-depth theoretical awareness and practical guidance on the implementation of an effective monitoring and evaluation (M&E) system to ensure construction projects meet approved quality, cost, time and social sustainability objectives. The authors discuss the drivers, challenges, determinants and benefits of effective M&E implementation together with the theories and models underpinning construction project M&E practices. Further, a comparative overview of M&E practices in developed and developing countries is presented to elucidate the best practices. The book first conceptualizes M&E as a five-factor model comprising stakeholder involvement, budgetary allocation and logistics, technical capacity and training, leadership, and communication. It then presents an M&E case study on the Ghanaian construction industry before expanding on the idea of M&E systems as an effective tool for project performance and in optimizing a project's contribution to society and the environment. The book further provides guidance on M&E practice for construction project managers, investors, professionals, researchers and other stakeholders and is therefore of interest to those in architecture, construction engineering, planning, project management and development studies.

Routledge Handbook of International Environmental Law Shawkat Alam 2012-11-12 The Routledge Handbook of International Environmental Law is an advanced level reference guide which provides a comprehensive and contemporary overview of the corpus of international environmental law (IEL). The Handbook features specially commissioned papers by leading experts in the field of international environmental law, drawn from a range of both developed and developing countries in order to put forward a truly global approach to the subject. Furthermore, it addresses emerging and cross-cutting issues of critical importance for the years ahead. The book is split into six parts for ease of reference: The Legal Framework, Theories and Principles of International Environmental Law - focuses on the origins, theory, principles and development of the discipline; Implementing International Environmental Law - addresses the implementation of IEL and the role of various actors and institutions, including corporations, intergovernmental organisations and NGOs; Key Issues and Legal Frameworks - brings fresh perspectives of the common general issues of international environmental law, such as biological diversity and marine environmental law; Regional Environmental Law - explores the specific regimes developed to address regional environmental issues, considering the evolution, prospects and relationship of regional law and mechanisms to IEL; Cross-Cutting Issues - considers the engagement of international environmental law with other key fields and legal regimes, including international trade, human rights and armed conflict; Contemporary and Future Challenges - analyses pressing current and emerging issues in the field including environmental refugees and climate change, REDD and deforestation, and 'treaty congestion' in IEL. This up-to-date and authoritative book makes it an essential reference work for students, scholars and practitioners working in the field.

Forests Sourcebook World Bank 2008-04-25 The 'Forests Sourcebook' provides practical operations-oriented guidance for forest sector engagement toward the goals of poverty reduction, conservation and economic development. Intended to guide World Bank lending activities and projects, the 'Forests Sourcebook' offers information useful to a broad audience of practitioners, government agencies, and non-governmental organizations. The 'Sourcebook' was developed in partnership with members of the Collaborative Partnership on Forests, including the Food and Agriculture Organization. The 'Sourcebook' provides background on key issues, lessons learned, and recommendations for practitioners on a number of topics including private sector engagement, forest governance, sustainable plantation and commercial harvesting, and forest information management systems. Giving insight into the complex interplay between different realms of development work that effect or are affected by forests, the 'Forests Sourcebook' is a valuable tool for any stakeholder involved in development or business projects that could have impact on forests.

Management Infrastructure for the Developing World Kenneth L. Murrell 1985

Urban Waste and Sanitation Services for Sustainable Development Bas van Vliet 2013-11-12 Urban sanitation and solid waste sectors are under significant pressure in East Africa due to the lack of competent institutional capacity and the growth of the region's urban population. This book presents and applies an original analytical approach to assess the existing socio-technical mixtures of waste and sanitation systems and to ensure wider access, increase flexibility and ecological sustainability. It shows how the problem is not the current diversity in waste and sanitation infrastructures and services and variety of types and scales of technology, of formal and informal sector involvement, and of management and ownership modes. The book focuses instead on the lack of an integrative approach to managing and upgrading of the various waste and sanitation configurations and services so as to ensure wider access, flexibility and sustainability for the low income populations who happen to be the main stakeholders. This approach, coined "Modernized Mixtures", serves as a nexus throughout the book. The empirical core addresses the waste and sanitation challenges and debates at each scale - from the micro-level (households) to the macro-level (international support) - and is based on the results of a five-year-long interdisciplinary, empirical research program. It assesses the socio-technical diversity in waste and sanitation and provides viable solutions to sanitation and waste management in East Africa. This book provides students, researchers and professional in environmental technology, sociology, management and urban planning with an integrated analytical perspective on centralized and decentralized waste and sanitation configurations and tools for improvement in the technology, policy and management of sanitation and solid waste sectors.

Healthcare Valuation, The Financial Appraisal of Enterprises, Assets, and Services Robert James Cimasí 2014-03-24 A timely look at the healthcare valuation process in an era of dynamic healthcare reform, including theory, methodology, and professional standards In light of the dynamic nature of the healthcare industry sector, the analysis supporting business valuation engagements for healthcare enterprises, assets, and services must address the expected economic conditions and events resulting from the four pillars of the healthcare industry: Reimbursement, Regulation, Competition, and Technology. Healthcare Valuation presents specific attributes of each of these enterprises, assets, and services and how research needs and valuation processes differentiate depending on the subject of the appraisal, the environment the property interest exists, and the nature of the practices. Includes theory, methodology, and professional standards as well as requisite research, analytical, and reporting functions in delivering healthcare valuation services Provides useful process tools such as worksheets and checklists, relevant case studies, plus a website that will include comprehensive glossaries and topical bibliographies Read Healthcare Valuation for a comprehensive treatise of valuation issues in the healthcare field including trends of compensation and

reimbursement, technology and intellectual property, and newly emerging healthcare entities.

International Books in Print 1997

Managing Water Under Uncertainty and Risk: United Nations World Water Development Report #4 (3 Vols.) UNESCO 2012-01-01 Released every three years since March 2003, the United Nations World Water Development Report (WWDR), a flagship UN-Water report published by UNESCO, has become the voice of the United Nations system in terms of the state, use and management of the world's freshwater resources. The report is primarily targeted at national decision-makers and water resource managers, but is also aimed at educating and informing a broader audience, from governments to the private sector and civil society. It underlines the important roles water plays in all social, economic and environmental decisions, highlighting policy implications across various sectors, from local and municipal to regional and international levels. Similarly to the first two editions, this report includes a comprehensive and up-to-date assessment of several key challenge areas, such as water for food, energy and human health, and governance challenges such as institutional reform, knowledge and capacity-building, and financing, each produced by individual UN agencies.

The Cumulative Book Index 1999

Energy Efficiency and Management in Food Processing Facilities Lijun Wang 2008-12-04 Energy efficiency, environmental protection, and processing waste management continue to attract increased attention in the food processing industry. As with other industrial sectors, reducing costs while also reducing environmental impact and improving overall sustainability is becoming an important part of the business process. Providing practical guidance, Energy Efficiency and Management in Food Processing Facilities explores energy efficiency technologies, emerging energy efficient processes, and methods for converting food processing wastes into energy. Organized around five central themes, the book explores: Fundamentals of energy conservation, analysis, and management Energy conservation technologies as applied to the food processing industry Energy efficiency and conservations in current food processing systems Emerging systems Energy conversion technologies for utilization of food processing wastes Conservation Techniques that Improve the Bottom Line The lack of information on energy conservation and conversion technologies has been a major barrier to energy efficiency improvement and the utilization of processing wastes in the food processing industry. With coverage ranging from basic theory to traditional and alternative energy, this book provides the required skill set for the increased energy conservation and reduced consumption that will positively impact the bottom line in food processing facilities.

History of Soybean Variety Development, Breeding and Genetic Engineering (1902-2020) William Shurtleff; Akiko Aoyagi 2020-06-25 The world's most comprehensive, well documented and well illustrated book on this subject. With extensive subject and geographic index. 152 photographs and illustrations - mostly color, Free of charge in digital format on Google Books.

Public Participation in Environmental Assessment and Decision Making National Research Council 2008-12-07 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.

Integrated Project Management Sourcebook Mario Vanhoucke 2016-03-12 This handbook is a unique, comprehensive resource for professional project managers and students in project management courses that focuses on the integration between baseline scheduling, schedule risk analysis and project control, also known as Dynamic Scheduling or Integrated Project Management and Control. It contains a set of more than 70 articles. Each individual article focuses on one particular topic and features links to other articles in this book, where appropriate. Almost all articles are accompanied with a set of questions, the answers to which are provided at the end of the book. This book is accompanied by and is based on the Project Management Knowledge Center (www.pknowledgecenter.com), an online learning platform for Integrated Project Management.

ICMLG 2018 6th International Conference on Management Leadership and Governance Dr Vincent Ribiére 2018-05-24 These proceedings represent the work of researchers participating in the 6th International Conference on Management, Leadership and Governance (ICMLG 2018) which is being hosted this year by the Institute for Knowledge and Innovation Southeast Asia (KI-SEA), a Centre of Excellence at Bangkok University, Thailand on 24-25 May 2018.

Job Hunter's Sourcebook Bohdan Romaniuk 2008-06 Where to Find Employment Leads and Other Job Search Resources.

Agile Processes in Software Engineering and Extreme Programming – Workshops Maria Paasivaara 2020-09-23 This open access book constitutes the 6 research workshops, the Agile Education and Training Track, the Doctoral Symposium, as well as a panel presented at XP 2020, the 21st International Conference on Agile Software Development, which was held during June 8-12, 2020. The conference was planned to take place at the IT University of Copenhagen, Denmark. Due to the COVID 19 pandemic, the conference was held online. In 2020, the following six workshops took place: Third International Workshop on Software-Intensive Business Eighth International Workshop on Large-Scale Agile Development Second European Symposium on Serverless Computing and Applications Second International Workshop on Agile Transformation First International Workshop on Agility with Microservices Programming Third International Workshop on Autonomous Agile Teams XP is the premier agile software development conference combining research and practice. It is a unique forum where agile researchers, practitioners, thought leaders, coaches, and trainers get together to present and discuss their most recent innovations, research results, experiences, concerns, challenges, and trends. XP conferences provide an informal environment to learn and trigger discussions and welcome both people new to agile and seasoned agile practitioners. The 31 papers presented in this volume were carefully reviewed and selected from overall 79 submissions. In addition to the 26 workshop papers, this volume also includes 2 papers from the Agile Education and Training Track and 3 papers from the Doctoral Symposium. Furthermore, the book contains a summary of a panel discussion with the topic "Covid-19's Influence on the Future of Agile".

The Butterfly Effect Edward D. Melillo 2020-08-25 A fascinating, entertaining dive into the long-standing relationship between humans and insects, revealing the surprising ways we depend on these tiny, six-legged creatures. Insects might make us shudder in disgust, but they are also responsible for many of the things we take for granted in our daily lives. When we bite into a shiny apple, listen to the resonant notes of a violin, get dressed, receive a dental implant, or get a manicure, we are the beneficiaries of a vast army of insects. Try as we might to replicate their raw material (silk, shellac, and cochineal, for instance), our artificial substitutes have proven subpar at best, and at worst toxic, ensuring our interdependence with the insect world for the foreseeable future. Drawing on research in laboratory science, agriculture, fashion, and international cuisine, Edward D. Melillo weaves a vibrant world history that illustrates the inextricable and fascinating bonds between humans and insects. Across time, we have not only coexisted with these creatures but have relied on them for, among other things, the key discoveries of modern medical science and the future of the world's food supply. Without insects, entire sectors of global industry would grind to a halt and essential features of modern life would disappear. Here is a beguiling appreciation of the ways in which these creatures have altered--and continue to shape--the very framework of our existence.

Rights-based Integrated Child Protection Service Delivery Systems Murli Desai 2019-09-17 The Sourcebook-IV provides training modules for rights-based integrated child protection service delivery systems at the secondary and tertiary prevention levels. Part 1 of the Sourcebook focuses on the preventative, comprehensive, integrated and systemic, and universal community-based and family-based service delivery systems for children; and the methods of case management and outcomes-based project cycle. Part 2 discusses children and families at risk and the role of community-based Integrated Childcare and Support Centres for providing supplementary care and support services to them at the secondary prevention level. It also focuses on children facing social problems such as deprivation of parental care, violence, and conflict with law, and the role of District-based Integrated Child Protection Centres for providing protection, justice and rehabilitation to them at the tertiary prevention level. Part 3 focuses on children in emergencies in general and in specific situations and role of Integrated Child Protection Centres in these situations. This is a necessary read for social workers, lawyers, researchers, trainers and teachers working on child rights across the world, and especially in developing countries.

Small and Medium Enterprises Information Resources Management Association 2013-04-30 "This book provides a comprehensive collection of research on current technological developments and organizational perspectives on the scale of small and medium enterprises"--Provided by publisher.

Enterprise Dynamics Sourcebook Kenneth C. Hoffman 2013-02-25 Rapidly changing market, technological, and organizational environments are forcing government and private sector enterprises to improve services and transform processes. Employing a case study approach, the Enterprise Dynamics Sourcebook presents frameworks and analytical models of the enterprise as a complex system to improve your understanding o

Knowledge Management, Organizational Memory and Transfer Behavior: Global Approaches and Advancements Jennex, Murray E. 2008-12-31 "This book captures an in-depth knowledge base on the most current and useful concepts, applications, and processes relevant to the successful management of knowledge assets"--Provided by publisher.

Offshore Process Safety 2018-06-18 Methods in Chemical Process Safety, Volume Two, the latest release in a serial that publishes fully commissioned methods papers across the field of process safety, risk assessment, and management and loss prevention, aims to provide informative, visual and current content that appeals to both researchers and practitioners in process safety. This new release contains unique chapters on offshore safety, offshore platform safety, human factors in offshore operation, marine safety, safety during well drilling and operation, safety during processing (top side), safety during transportation of natural resources (offshore pipeline), and regulatory context Helps acquaint the reader/researcher with the fundamentals of process safety Provides the most recent advancements and contributions on the topic from a practical point-of-view Presents users with the views/opinions of experts in each topic Includes a selection of the author(s) of each chapter from among the leading researchers and/or practitioners for each given topic

Distribution Planning and Control David Frederick Ross 2015-05-14 This third edition provides operations management students, academics and professionals with a fully up-to-date, practical and comprehensive sourcebook in the science of distribution and Supply Chain Management (SCM). Its objective is not only to discover the roots and detail the techniques of supply and delivery channel networks, but also to explore the impact of the merger of SCM concepts and information technologies on all aspects of internal business and supply channel management. This textbook provides a thorough and sometimes analytical view of the topic, while remaining approachable from the standpoint of the reader. Although the text is broad enough to encompass all the management activities found in today's logistics and distribution channel organizations, it is detailed enough to provide the reader with a thorough understanding of essential strategic and tactical planning and control processes, as well as problem-solving techniques that can be applied to everyday operations. Distribution Planning and Control: Managing in the Era of Supply Chain Management, 3rd Ed. is comprised of fifteen chapters, divided into five units. Unit 1 of the text, The SCM and Distribution Management Environment, sets the background necessary to understand today's supply chain environment. Unit 2, SCM Strategies, Channel Structures and Demand Management, reviews the activities involved in performing strategic planning, designing channel networks, forecasting and managing channel demand. Unit 3, Inventory Management in the Supply Chain Environment, provides an in-depth review of managing supply chain inventories, statistical inventory management, and inventory management in a multiechelon channel environment. Unit 4, Supply Chain Execution, traces the translation of the strategic supply chain plans into detailed customer and supplier management, warehouse and transportation operations activities. Finally Unit 5, International Distribution and Supply Chain Technologies, concludes the text by exploring the role of two integral elements of SCM: international distribution management and the deployment of information technologies in the supply chain environment. Each chapter includes summary questions and problems to challenge readers to their knowledge of concepts and topics covered. Additionally supplementary materials for instructors are also available as tools for learning reinforcement.

Intra-Africa Migrations Inocent Moyo 2021-02-21 This book discusses regional and continental integration in Africa by examining the management of migration across the continent. It examines borders and securitisation of migration and the challenges and opportunities that arise out of reconfigured continental demographics. The book offers insights on intra-Africa migrations and highlights how intra-continental migration creates socio-economic and cultural borders. It explores how these borders, beyond the physical boundaries of states, including the Berlin Conference-constructed borders, create cultural divides, challenges for economic integration and cross-border security, and irregular migration patterns. While the movement of economic goods is valued for regional economic integration, the mobility of people is seen as a threat. This approach to migration contradicts the intentions of true integration and development, and triggers negative responses such as xenophobia that cannot be addressed by simply managing the physical border and allowing free movement. This book engages in a pivotal discussion of these issues, which are hitherto missing in African border studies, by demonstrating the ubiquity and overreaching influence of various kinds of borders on the African continent. With multidisciplinary contributions that provide an in-depth understanding of intra-Africa migrations and strategies for enhanced migration management, this book will be a useful resource for scholars and students studying geography, politics, security studies, development studies, African studies and sociology.

Industrial Environmental Management Tapas K. Das 2020-03-17 Provides aspiring engineers with pertinent information and technological methodologies on how best to manage industry's modern-day environment concerns This book explains why industrial environmental management is important to human environmental interactions and describes what the physical, economic, social, and technological constraints to achieving the goal of a sustainable environment are. It emphasizes recent progress in life-cycle sustainable design, applying green engineering principles and the concept of Zero Effect Zero Defect to minimize wastes and discharges from various manufacturing facilities. Its goal is to educate engineers on how to obtain an optimum balance between environmental protections, while allowing humans to maintain an acceptable quality of life. Industrial Environmental Management: Engineering, Science, and Policy covers topics such as industrial wastes, life cycle sustainable design, lean manufacturing, international environmental regulations, and the assessment and management of health and environmental risks. The book also looks at the economics of manufacturing pollution prevention; how eco-industrial parks and process intensification will help minimize waste; and the application of green manufacturing principles in order to

minimize wastes and discharges from manufacturing facilities. Provides end-of-chapter questions along with a solutions manual for adopting professors Covers a wide range of interdisciplinary areas that makes it suitable for different branches of engineering such as wastewater management and treatment; pollutant sampling; health risk assessment; waste minimization; lean manufacturing; and regulatory information Shows how industrial environmental management is connected to areas like sustainable engineering, sustainable manufacturing, social policy, and more Contains theory, applications, and real-world problems along with their solutions Details waste recovery systems Industrial Environmental Management: Engineering, Science, and Policy is an ideal textbook for junior and senior level students in multidisciplinary engineering fields such as chemical, civil, environmental, and petroleum engineering. It will appeal to practicing engineers seeking information about sustainable design principles and methodology.

Tourism Crisis and Disaster Management in the Asia-Pacific Brent W Ritchie 2014-11-21 The Asia-Pacific area is one of the fastest growing tourism regions and a major driver of global tourism in general. Tourism industries in Asia Pacific have been challenged in recent years by a number of major crises and disasters including terrorism, outbreaks (e.g. SARS and Bird Flu), natural disasters (e.g. tsunamis, bushfires, flooding), and political crisis (e.g. protests and political instability). This book contributes to the understanding of crisis and disaster management generally, but with a specific focus on the Asia Pacific. With contributions by international scholars and practitioners, the book discusses both the theoretical and practical approaches toward successful crisis and disaster management.

Evolving Toolbox for Complex Project Management Alex Gorod 2019-10-30 This book enhances learning about complex project management principles and practices through the introduction and discussion of a portfolio of tools presented as an evolving toolbox. Throughout the book, industry practitioners examine the toolsets that are part of the toolbox to develop a broader understanding of complex project management challenges and the available tools to address them. This approach establishes a dynamic, structured platform for a comprehensive analysis and assessment of the modern, rapidly changing, multifaceted business environment to teach the next generation of project managers to successfully cope with the ever increasing complexity of the 21st century.

Co-Engineering and Participatory Water Management Katherine A. Daniell 2012-05-31 Effective participatory water management requires effective co-engineering - the collective process whereby organisational decisions are made on how to bring stakeholders together. This trans-disciplinary book highlights the challenges involved in the collective initiation, design, implementation and evaluation of water planning and management processes. It demonstrates how successful management requires the effective handling of two participatory processes: the stakeholder water management process and the co-engineering process required to organise this. The book provides practical methods for supporting improved participatory processes, including the application of theory and models to aid decision-making. International case studies of these applications from Australia, Europe and all over the world including Africa, are used to examine

negotiations and leadership approaches, and their effects on the participatory stakeholder processes. This international review of participatory water governance forms an important resource for academic researchers in hydrology, environmental management and water policy, and also practitioners and policy-makers working in water management.

Stewardship of Future Drylands and Climate Change in the Global South Simone Lucatello 2019-10-10 This volume integrates a conceptual framework with participatory methodologies to understand the complexities of dryland socio-ecological systems, and to address challenges and opportunities for stewardship of future drylands and climate change in the global south. Through several case studies, the book offers a transdisciplinary and participatory approach to understand the complexity of socio-ecological systems, to co-produce accurate resource management plans for sustained stewardship, and to drive social learning and polycentric governance. This systemic framework permits the study of human-nature interrelationships through time and in particular contexts, with a focus on achieving progress in accordance with the 2030 United Nations Agenda for Sustainable Development. The book is divided into four main sections: 1) drylands and socio-ecological systems, 2) transdisciplinarity in drylands, 3) interculturality in drylands, and 4) the governance of drylands. Expert contributors address topics such as pastoralism and the characteristics of successful agricultural lands, the sustainable development goals and drylands, dryland modernization, and arid land governance with a focus on Mexico. The volume will be of interest to dryland researchers, sustainable development practitioners and policymakers.

Current Issues in Knowledge Management Jennex, Murray E. 2008-02-28 "This book combines research on the cultural, technical, organizational, and human issues surrounding the creation, capture, transfer, and use of knowledge in today's organizations. Topics such as organizational memory, knowledge management in enterprises, enablers and inhibitors of knowledge sharing and transfer, and emerging technologies of knowledge management, offering information to practitioners and scholars in a variety of settings"--Provided by publisher.

Building Product Models Charles M Eastman 2018-02-06 Building Product Models thoroughly presents the concepts, technology, and methods now used to work out what will become the building product model - a new, digital representation for architecture, civil engineering, and building construction. Organized into three sections (history, current tools and concepts, and existing efforts and research issues), this resource provides the field of building product modeling with a standard reference as well as a single, comprehensive text for university courses. Until now, all the efforts in building modeling have been reported in research journals and conference proceedings or been made available as draft standards on the Internet. Building Product Models is the only book available on this vital field, bringing together essential aspects of major efforts from the early 1970s to the present.

International GIS Sourcebook 1993