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NEW BOOKS!



- 1) Engineering Tools for Environmental Risk Management: 3 Site Assessment and Monitoring Tools
- 2) Environmental Impacts of Renewable Energy
- 3) Crisis Management of Chronic Pollution
- 4) Water Treatment in Developed and Developing Nations
- 5) Sewage and Landfill Leachate
- 6) Smart Green Cities
- 7) Principles of Membrane Bioreactors for Wastewater Treatment
- 8) Field manual on sediment and erosion control: best management practices for contractors and inspectors
- 9) Blue ocean shift beyond competing : proven steps to inspire confidence and size new growth
- 10) Designing and reviewing effective sediment and erosion control plans



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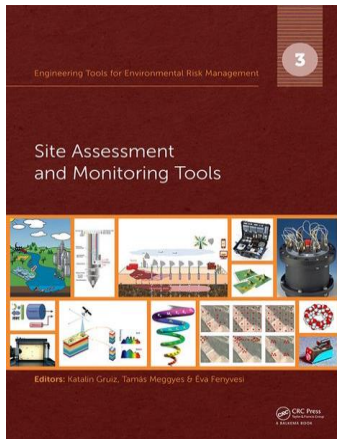
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BOOK HIGHLIGHT



TAJUK : Engineering Tools for Environmental Risk Management: 3 Site Assessment and Monitoring Tools

PENGARANG : Edited by Katalin Gruiz, Tamas Meggyes & Eva Fenyvesi

ABSTRAK : This is the third volume of the five-volume book series “Engineering Tools for Environmental Risk Management”. The book series deals with the following topics:

- Environmental deterioration and pollution, management of environmental problems
- Environmental toxicology – a tool for managing chemical substances and contaminated environment
- Assessment and monitoring tools, risk assessment
- Risk reduction measures and technologies
- Case studies for demonstration of the application of engineering tools

The authors aim to describe interactions and options in risk management by providing a broad scientific overview of the environment, its human uses and the associated local, regional and global environmental problems; interpreting the holistic approach used in solving environmental protection issues; striking a balance between nature’s needs and engineering capabilities; understanding interactions between regulation, management and engineering; obtaining information about novel technologies and innovative engineering tools.

This third volume provides an overview on the basic principles, concepts, practices and tools of environmental monitoring and contaminated site assessment. The volume focuses on those engineering tools that enable integrated site assessment and decision making and ensure an efficient control of the environment.

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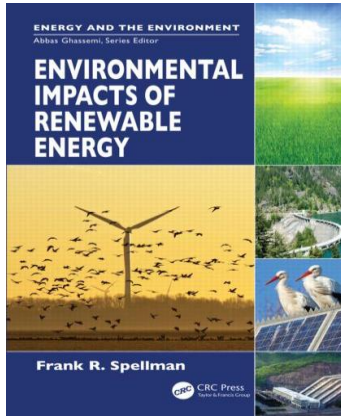


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**TAJUK : Environmental Impacts of Renewable Energy****PENGARANG : Frank R. Spellman**

ABSTRAK : All energy sources affect the environment in which we live. While fossil fuels may essentially do more harm, renewable energy sources can also pose a threat to the environment. Allowing for the various renewable energy sources: solar, wind, hydro, biomass, and geothermal, Environmental Impacts of Renewable Energy examines the environmental effects of all available renewable or alternative sources, as they increasingly play a large part in our energy supply, and provides a counterargument about the benefits of renewable energy.

This book discusses both the merits and the physical, mechanical, electrical, and environmental limitations of renewable sources of energy. It discusses the pros and cons of renewable energy, addresses environmental issues and concerns, and determines ways to avoid or minimize these impacts.

This text contains nine chapters reviewing in depth:

- Renewable energy impact on the environment
- Major renewable energy types
- Environmental health, safety, and ecological impacts
- Impact on tribal sacrosanct areas

Environmental Impacts of Renewable Energy covers the adverse effects of major renewable energy sources. Environmental engineers working with renewable energy, environmental consultants/managers working with municipalities regarding environmental impact and land use, and undergraduate students taking related courses in environmental college programs can greatly benefit from this text.

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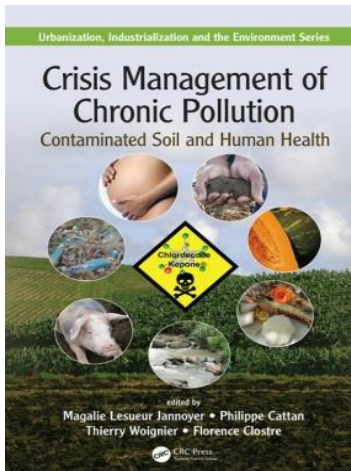
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**TAJUK :** Crisis Management of Chronic Pollution**PENGARANG:** Edited by Magalie Lesueur Jannoyer, Philippe Cattan, Thierry Woignier, Florence Clostre**ABSTRAK:** Crisis Management of Chronic Pollution: Contaminated Soil and Human Health deals with a long term pollution problem, generated by the former use of organochlorine pesticides. Through a case study of the chlordecone pollution in the French West Indies, the authors illustrate a global and systemic mobilization of research institutions and public services.

This "management model", together with its major results, the approach and lessons to be learned, could be useful to other situations. This book gathers all the works that have been carried out over the last ten years or more and links them to decision makers' actions and stakeholders' expectations. This reference fills a gap in the literature on chronic pollution.

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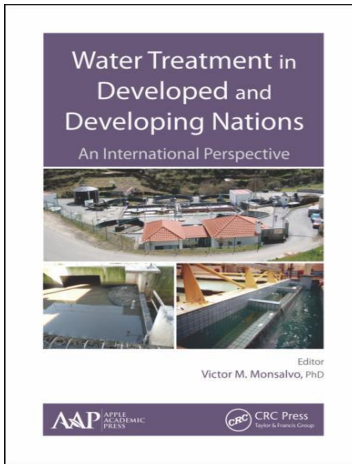


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**TAJUK : Water Treatment in Developed and Developing Nations****PENGARANG : Edited by Victor M. Monsalvo**

ABSTRAK : UN studies show that high-income, developed nations treat about 70 percent of their wastewater. However, in low-income developing nations, only 8 percent of wastewater undergoes any kind of treatment. Inadequate water treatment has serious consequences for both human health and the environment. The articles in this compendium provide a representative cross sample of both developing and developed nations' water treatment facilities.

Included are the following topics:

- Reclaimed water for irrigation reuse in developing countries
- Sludge-handling practices in Micronesia
- The removal of phthalate esters from Chinese water sources
- Disposal of domestic wastewater in Nigeria
- Ameba-enrichment in a South African water treatment plant
- Bioenergy from wastewater produced by a Brazilian meat-processing plant
- The presence of various pharmaceutical contaminants in the River Thames
- Wastewater recycling in Greece
- The impact on surface water from contaminants released from German water treatment plants
- A Canadian constructed wetland's effectiveness for the removal of various contaminants from wastewater
- Accessing irrigation from treated wastewater in the United States
- The spacial distribution of fecal indicator bacteria in the groundwater beneath two American water treatment plants
- Detection of contamination from retinoid acid reception agonists in Japanese water treatment plants

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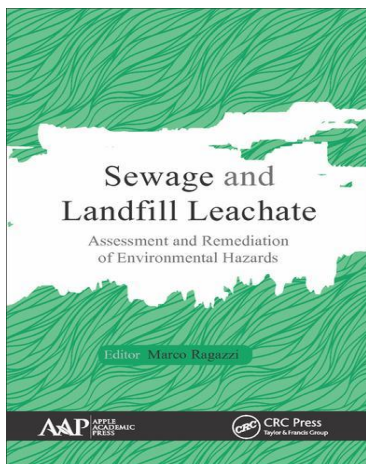


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TAJUK : Sewage and Landfill Leachate
PENGARANG : Edited by Marco Ragazzi

ABSTRAK : This new book provides a multiperspective look at research into many elements of remediating environmental hazards connected to sewage and landfill leachate. Sewage and landfill leachate treatments include various processes that are used to manage and dispose of the liquid portions of solid waste. Untreated leachate and sewage are hazards to the environment if they enter the water system. The goal of treatment is to reduce the contaminating load to the point that leachate and sewage liquids may be safely released into groundwater, streams, lakes, and the ocean.

Around the world, however, huge volumes of contaminated water from sewage and landfill leachate is still pumped directly into water systems, especially in the world's developing nations. Aside from the damage to marine environments and fisheries that this causes, it also jeopardizes the world's vulnerable water resources.

This compendium volume explores effective sewage management, which is essential for nutrient recycling and for maintaining ecosystem integrity. It looks at a range of technologies that are available for the treatment of sewage and landfill leachate. The editor, himself a respected and experienced researcher in this field, includes chapters that cover biological treatments, reverse osmosis, and chemical-physical processes. This volume offers important research that will help us both assess our existing treatment facilities, as well as build better, more effective ones for the future.

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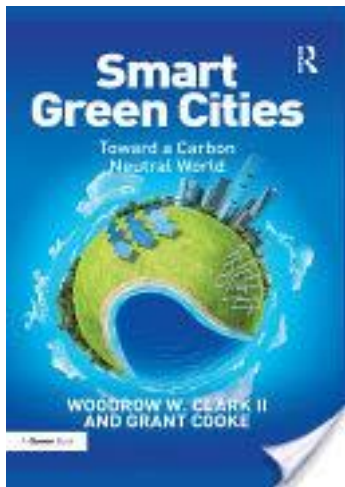


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**TAJUK : Smart Green Cities****PENGARANG : Woodrow Clark II, Grant Cooke**

ABSTRAK : Smart Green Cities: is a comprehensive overview of what global cities are doing to become sustainable. Woodrow W. Clark II and Grant Cooke have produced a book that is both practical and visionary. They have examined the infrastructure needs - sustainable development, communications, energy, water, waste, and transportation to develop guidelines, processes and best practices. City leaders are key to mitigating climate change who must plan, design and implement solutions. Smart Green Cities (SGC) offers a global perspective that includes implementing the Green Industrial Revolution the title of their last book.

SGC discusses innovative emerging technologies, and the new economics paradigm that move beyond the out-dated neo-classical economics. The authors present examples from around the world including Europe, the U.S, China and the Middle East, which discuss the best green technologies from renewable energy power generation to smart on-site grid development. The extraordinary shift from a rural to an urban world is described; national plans are analyzed; so that future cities will be designed, built and implemented now - not 50 years from now. The struggle for the planet's survival is being waged by the world's cities. Clark and Cooke argue that cities are the key to mitigating climate change and reducing toxic greenhouse gas emissions. SGC introduces sustainable technologies; discusses the economics for implementing the solutions; and offers numerous examples to serve as pathways for cities to become smart, green, and thus carbon neutral.

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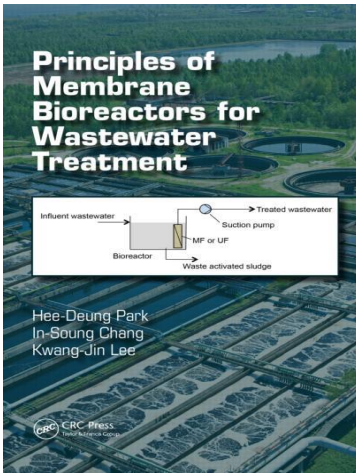


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TAJUK : Principles of Membrane Bioreactors for Wastewater Treatment
PENGARANG : Hee-Deung Park, In-Soung Chang, Kwang-Jin Lee

ABSTRAK : Principles of Membrane Bioreactors for Wastewater Treatment covers the basic principles of membrane bioreactor (MBR) technology, including biological treatment, membrane filtration, and MBR applications. The book discusses concrete principles, appropriate design, and operational aspects.

It covers a wide variety of MBR topics, including filtration theory, membrane materials and geometry, fouling phenomena and properties, and strategies for minimizing fouling. Also covered are the practical aspects such as operation and maintenance.

Case studies and examples in the book help readers understand the basic concepts and principles clearly, while problems presented help advance relevant theories more deeply. Readers will find this book a helpful resource to understand the state of the art in MBR technology.

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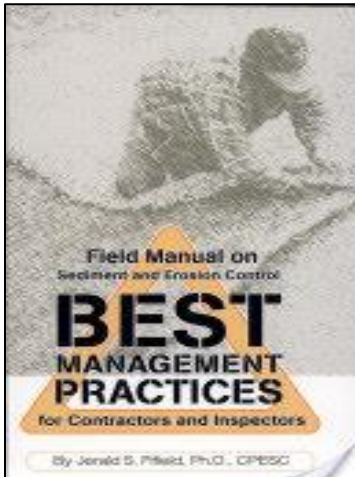
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TAJUK : Field manual on sediment and erosion control: best management practices for contractors and inspectors

PENGARANG : Jerald S. Field

ABSTRAK : A fine-tuned, hands-on guide for proper construction and inspection of BMPs, what the law requires (and why), and how they are supposed to work-material not included in many other manuals. Written for both contractors and inspectors who are key to better installations, [Fifield] shows us why some projects fail, other succeed, and which BMPs simply don't work but still be addressed only because they are in many other manuals. The industry is evolving daily, and this manual brings us right up to date.

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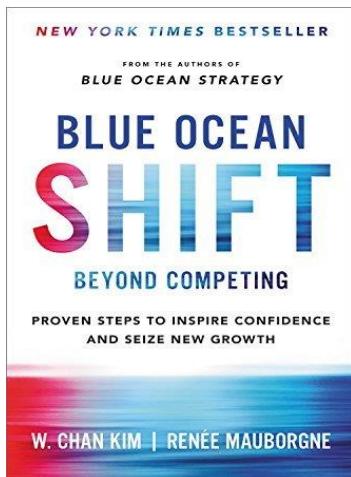


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TAJUK : Blue Ocean Shift: Beyond Competing - Proven Steps to Inspire Confidence and Seize New Growth

PENGARANG : W. Chan Kim

ABSTRAK : NEW YORK TIMES BESTSELLER#1 WALL STREET JOURNAL BEST SELLER USA TODAY BESTSELLER BLUE OCEAN SHIFT is the essential follow up to Blue Ocean Strategy, the classic and 3.6 million copy global bestseller by world-renowned professors W. Chan Kim and Renee Mauborgne. Drawing on more than a decade of new work, Kim and Mauborgne show you how to move beyond competing, inspire your people's confidence, and seize new growth, guiding you step-by-step through how to take your organization from a red ocean crowded with competition to a blue ocean of uncontested market space.

By combining the insights of human psychology with practical market-creating tools and real-world guidance, Kim and Mauborgne deliver the definitive guide to shift yourself, your team, or your organization to new heights of confidence, market creation, and growth. They show why no disruptive creation is as important as disruption in seizing new growth. BLUE OCEAN SHIFT is packed with all-new research and examples of how leaders in diverse industries and organizations made the shift and created new markets by applying the process and tools outlined in the book. Whether you are a cash-strapped startup or a large, established company, nonprofit or national government, you will learn how to move from red to blue oceans in a way that builds your people's confidence so that they own and drive the process. With battle-tested lessons learned from successes and failures in the field, BLUE OCEAN SHIFT is critical reading for leaders, managers, and entrepreneurs alike. You'll learn what works, what doesn't, and how to avoid the pitfalls along the way. This book will empower you to succeed as you embark on your own blue ocean journey. BLUE OCEAN SHIFT is indispensable for anyone committed to building a compelling future.

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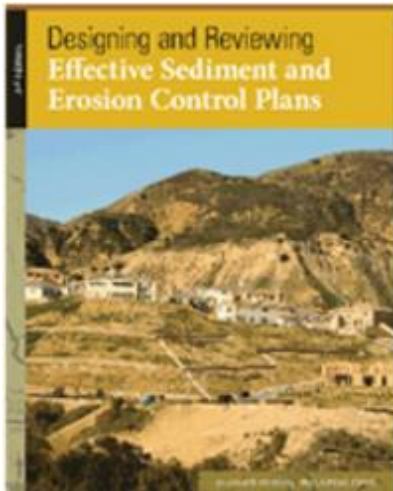


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TAJUK : Designing and Reviewing Effective Sediment and Erosion Control Plans

PENGARANG : Jerald S. Fifield, Ph.D., CPESC

ABSTRAK : Newly revised and indexed, Designing and Reviewing Effective Sediment and Erosion Control Plans is the one book you cannot afford to be without if you're in the designing, reviewing, and construction site business.

Learn from Fifield's decades of experience and knowledge on such topics as:

- Water-quality impacts from nonpoint-source pollution
- Regulatory requirements
- Risk determination
- NPDES general permits, SWPPPs, and how to develop and review effective plans
- How to save money and do it right the first time
- Erosion, sediment, and sedimentation BMPs
- Using polymers in designing effective sediment containment systems
- Evaluating the effectiveness of erosion control methods
- Assessing the limitations of sediment control methods
- Inspection and maintenance of sediment and erosion control measures
- Calculating performance goals and effectiveness of sediment and erosion control plans

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BUKU PINJAMAN DARI PNM

**PERHATIAN KEPADA
PEMINAT/PEMBACA
NOVEL!**

**PELBAGAI GENRE
NOVEL DARI PENULIS-
PENULIS POPULAR
TANAH AIR BOLEH
DIPINJAM SEKARANG!
TUNGGU APA LAGI,
JOM KITA KE
PERPUSTAKAAN!**

LET'S
read
together
for
1 minutes



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NEW

BUKU PINJAMAN DARI PNM



WOW!

BANYAK BUKU-BUKU
YANG MENARIK BOLEH
DIBACA DAN DIPINJAM
SEKARANG!
BUKU UNTUK ANAK-
ANAK PUN ADA.
TUNGGU APA LAGI,
JOM KITA KE
PERPUSTAKAAN!



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