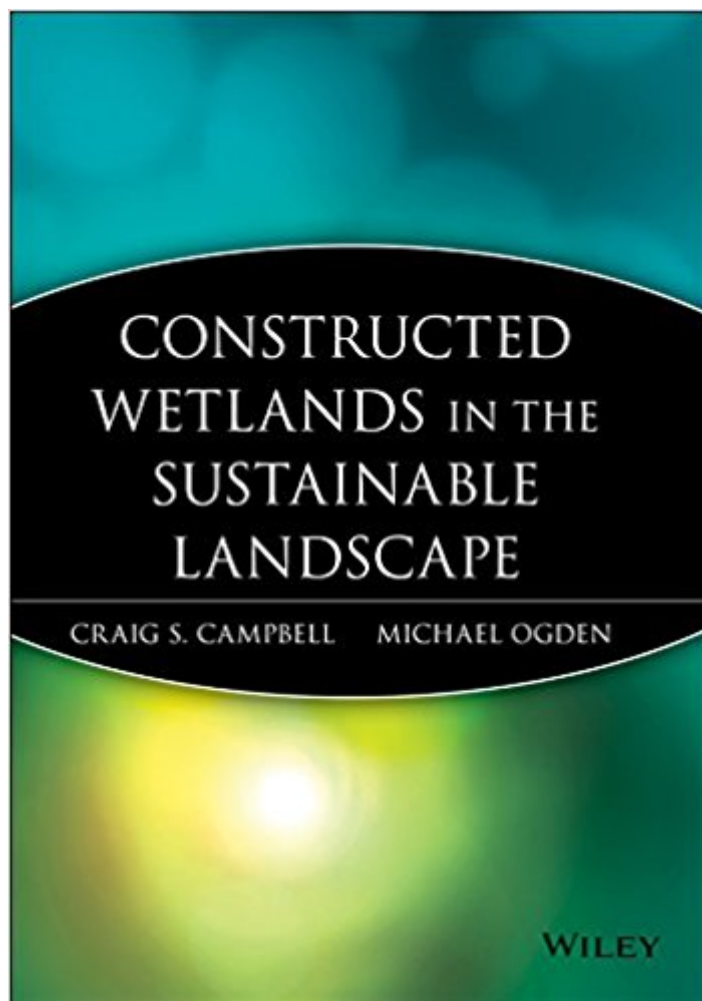


The book was found

Constructed Wetlands In The Sustainable Landscape



Synopsis

LandscapeConstructed wetlands are gaining worldwide acceptance as effective, low-cost, and low-impact alternatives to unsightly, high-impact wastewater treatment facilities. The creative involvement of today's planners, landscape architects, developers, environmental engineers, and public officials is helping to maximize the potential of these wetland habitats--from their aesthetics to their multiple uses as water treatment plants, wildlife refuges, and recreational or educational facilities. Yet, to date, the literature has paid no attention to these aspects, focusing instead on the technical side of wetlands construction and function. **Constructed Wetlands in the Sustainable Landscape** is the first book to integrate aesthetic design and planning issues with the technical aspects of wetlands engineering. Renowned landscape architect Craig S. Campbell and engineer Michael H. Ogden clearly demonstrate how the successful development and management of multifunctional, sustainable wetland habitats depend on harnessing the knowledge and working principles of a number of disciplines. Richly illustrated with real-world case studies, the book:

- * Covers the concept of sustainable development and the nature of wetland processes.
- * Discusses designs for new and existing municipal and small community wastewater treatment facilities.
- * Contains examples of on-site planning for, and management of, stormwater renovation, single-family residential systems, and multiple-use systems.
- * Examines landscape engineering and planning for ponds, urban wildlife, and ecological art.

Clearly written and accessible to nonengineers and nonscientists, **Constructed Wetlands in the Sustainable Landscape** is a crucial guide for landscape architects, environmental engineers, planners, developers, and others responsible for the design and management of our built environment.

Book Information

Paperback: 288 pages

Publisher: Wiley; 1 edition (May 6, 1999)

Language: English

ISBN-10: 0471107204

ISBN-13: 978-0471107200

Product Dimensions: 7 x 0.6 x 10 inches

Shipping Weight: 1 pounds

Average Customer Review: 5.0 out of 5 stars 2 customer reviews

Best Sellers Rank: #1,953,791 in Books (See Top 100 in Books) #64 in [Books > Science & Math > Nature & Ecology > Ecosystems > Wetlands](#) #1003 in [Books > Textbooks >](#)

Customer Reviews

"This book is a valuable resource to be consulted in the early planning stages of a wetland construction project, particularly where aesthetics and social acceptance are important factors." (Theodore J. Hogan: *Environmental Practice* 3(1), March, 2001) "This book addresses a broad audience: water and environmental engineers, planners, landscape architects, developers and public officials responsible for planning and environment protection. Written in a clear way, it is accessible to a wider audience than engineers and scientists, and can be a useful compliment in studying. Indeed, anyone interested in sewage treatment, water protection, landscape planning and ecology may find this book useful. Specialists may benefit from a new, broader perspective on their professional problems." (*Hydrological Sciences Journal*, Feb. 2002)

Constructed wetlands are gaining worldwide acceptance as effective, low-cost, and low-impact alternatives to unsightly, high-impact wastewater treatment facilities. The creative involvement of today's planners, landscape architects, developers, environmental engineers, and public officials is helping to maximize the potential of these wetland habitats; from their aesthetics to their multiple uses as water treatment plants, wildlife refuges, and recreational or educational facilities. Yet, to date, the literature has paid no attention to these aspects, focusing instead on the technical side of wetlands construction and function. *Constructed Wetlands in the Sustainable Landscape* is the first book to integrate aesthetic design and planning issues with the technical aspects of wetlands engineering. Renowned landscape architect Craig S. Campbell and engineer Michael H. Ogden clearly demonstrate how the successful development and management of multifunctional, sustainable wetland habitats depend on harnessing the knowledge and working principles of a number of disciplines. Richly illustrated with real-world case studies, the book: Covers the concept of sustainable development and the nature of wetland processes. Discusses designs for new and existing municipal and small community wastewater treatment facilities. Contains examples of on-site planning for, and management of, stormwater renovation, single-family residential systems, and multiple-use systems. Examines landscape engineering and planning for ponds, urban wildlife, and ecological art. Clearly written and accessible to nonengineers and nonscientists, *Constructed Wetlands in the Sustainable Landscape* is a crucial guide for landscape architects, environmental engineers, planners, developers, and others responsible for the design and management of our built

environment.

This is an in-depth analysis of the subject of waste water and storm water treatment through living wetland systems. I am a permaculture teacher and ecologically oriented land developer, not an engineer. For me, this book is sufficiently accessible that I am gaining a thorough understanding of the subject which I expect will prepare me to have intelligent discussions with engineers and government staff people and make informed decisions. I can't gauge how useful it would be for someone who is a professional in the field of water treatment, but my research did not turn up any better resources. The author is extremely knowledgeable about the state of the art when it was written. However, although it is dated 1999, most of its references are dated no later than 1993. I would dearly love to find a resource that discusses projects that have been built since then and brings this subject up to date.

This book has become an invaluable reference around our office...for the engineers, landscape architect and directors. The book covers a range of useful topics, from design basics (including relevant modeling formulas), pricing estimates, integration information for planners, citizens and regulators, wetland ecology background notes, landscaping ideas and wonderful examples of systems that the authors themselves have designed and installed. The book highlights the benefits of wetlands often overlooked or undervalued in other engineering-oriented texts - wildlife habitat creation, aesthetics, water recharge, etc. Since the book was written by a landscape architect and an engineer, two visionary pioneers in their fields, it covers a lot of useful ground.

[Download to continue reading...](#)

Constructed Wetlands in the Sustainable Landscape
Wetlands for Tropical Applications:
Wastewater Treatment by Constructed Wetlands
Making Hispanics: How Activists, Bureaucrats,
and Media Constructed a New American
Discovering the Unknown Landscape: A History Of
America's Wetlands
Sustainable Logistics and Supply Chain Management: Principles and Practices
for Sustainable Operations and Management
Urban Homesteading: Become a Self Sustainable
Urban Homesteader to Get off the Grid, Grow Food, and Free Yourself (Urban Homesteading: A
Complete Guide ... a Self Sustainable Urban Homesteader)
Tropical Soils: Properties and
Management for Sustainable Agriculture (Topics in Sustainable Agronomy)
Sustainable Landscape
Construction: A Guide to Green Building
Outdoors, Second Edition
Sustainable Landscape
Planning: The Reconnection Agenda
Sustainable Stormwater Management: A Landscape-Driven
Approach to Planning and Design
Sustainable Landscape Management: Design, Construction, and

Maintenance Landscape Graphics: Plan, Section, and Perspective Drawing of Landscape Spaces
Landscape Ecology Principles in Landscape Architecture and Land-Use Planning Designing the
Landscape: An Introductory Guide for the Landscape Designer (2nd Edition) How to Master
Landscape Painting in 24 Hours: A Seven-Step Guide for Oil Painting the Landscape Today
Landscape Meditations: An Artist's Guide to Exploring Themes in Landscape Painting Photography:
Landscape Photography: 10 Essential Tips to Take Your Landscape Photography to The Next Level
Landscape Photography: The Ultimate Guide to Landscape Photography at Night The Landscape
Lighting Guide: A complete guide to building a low voltage LED landscape lighting business
RSMeans Site Work & Landscape Cost Data 2015 (Means Site Work and Landscape Cost Data)

[Contact Us](#)

[DMCA](#)

[Privacy](#)

[FAQ & Help](#)