



Constructed Wetlands in the Sustainable Landscape

By Craig S. Campbell, Michael Ogden

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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.

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Editorial Review

Review

"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)

From the Back Cover

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About the Author

CRAIG S. CAMPBELL, FASLA, is a landscape architect and owner of Craig Campbell Studio, Inc. in Santa Fe, New Mexico, and the author of *Water in Landscape Architecture*.

MICHAEL H. OGDEN, PE, is President of Southwest Wetlands Group in Santa Fe, New Mexico. The authors, both respected authorities on constructed wetlands, have conducted numerous seminars on the

subject for landscape architects and planners.

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