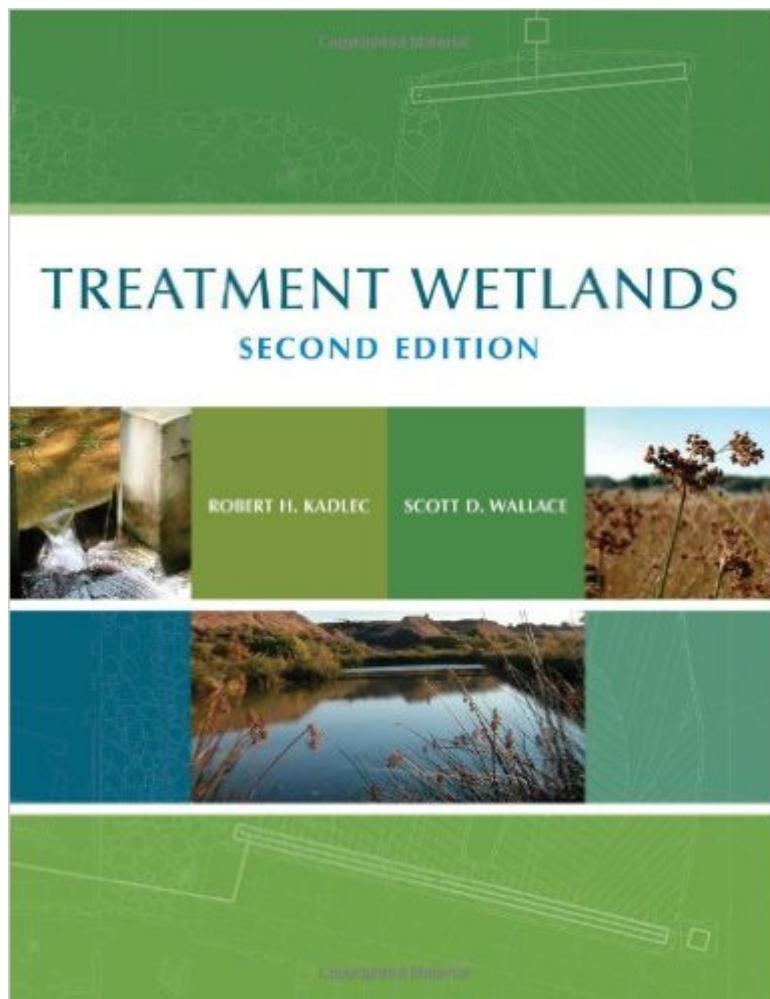


The book was found

Treatment Wetlands, Second Edition



Synopsis

Completely revised and updated, Treatment Wetlands, Second Edition is still the most comprehensive resource available for the planning, design, and operation of wetland treatment systems. The book addresses the design, construction, and operation of wetlands for water pollution control. It presents the best current procedures for sizing these systems, and describing the intrinsic processes that combine to quantify performance. The Second Edition covers:

- New methods based on the latest research
- Wastewater characterization and regulatory framework analyses leading to detailed design and economics
- State-of-the-art procedures for analyzing hydraulics, hydrology, substrates and wetlands biogeochemistry
- Definition of performance expectations for traditional pollutants such as solids, oxygen demand, nutrients and pathogens, as well as for metals and a wide variety of individual organic and inorganic chemicals
- Discussion of methods of configuration, construction, and vegetation establishment and startup considerations
- Ancillary benefits of human use and wildlife habitat
- Specific examples of numerous applications
- Extensive reference base of current information

The book provides a complete reference that includes: detailed information on wetland ecology, design for consistent performance, construction guidance and operational control through effective monitoring. Case histories of operational wetland treatment systems illustrate the variety of design approaches presented allowing you to tailor them to the needs of your wetlands treatment projects. The sheer amount of information found in Treatment Wetlands, Second Edition makes it the resource you will turn to again and again.

Book Information

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Customer Reviews

An outstanding volume. Extremely well organized and comprehensive. Aimed at serious practitioner or professional engineer needing quantitative methods and process understanding. This is more than an engineering design manual - a thorough extremely well organized treatment of treatment wetlands. Restoration scientists and practitioners using simple "permanent pools" in stormwater wetlands will benefit from the wetland science and process engineering organized here into the best current reference available.

A very very thorough review of all things treatment wetlands. Those searching for help as to what to DO (whether in design or measurement) may find themselves overwhelmed with details. With the ability to select vital information out of this book, it becomes a one-stop-shop for all things wetland to this point.

This text is a very comprehensive book on how to design wetlands for a variety of pollutants. Very Thorough.

Lots of information on all type of constructed wetland from design until operation maintenance. Really help for those who really want to know and understand deeper on wetland. The illustration and explanation very informative and easy to understand

The premier resource material for treatment wetlands. If you are in this field, this book is a must have. Probably thousands of research papers reference it.

Was looking for a thorough review of current wetland-plant remediation methods

Salve mi chiamo Rosario e ho acquistato Treatment Wetlands per una ricerca sui sistemi di fitodepurazione. Ho usato il libro per la mia tesi (facoltÀ di Agraria) e lo trovato sicuramente "piÃ che completo". Il libro Ã“ composto da poco piÃ di 1000 pagine in formato A4 (quando lo visto mi Ã“ preso un colpo, lo avevo immaginato piÃ piccolo) e l'ho ricevuto in circa 10 giorni (anche se considera come ipotetica data di arrivo i 30 giorni successivi l'acquisto). Un mio docente l'ho aveva definito "il testo sacro della fitodepurazione", aveva ragione!

Great book but very dense and hard to read for long periods of time.

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