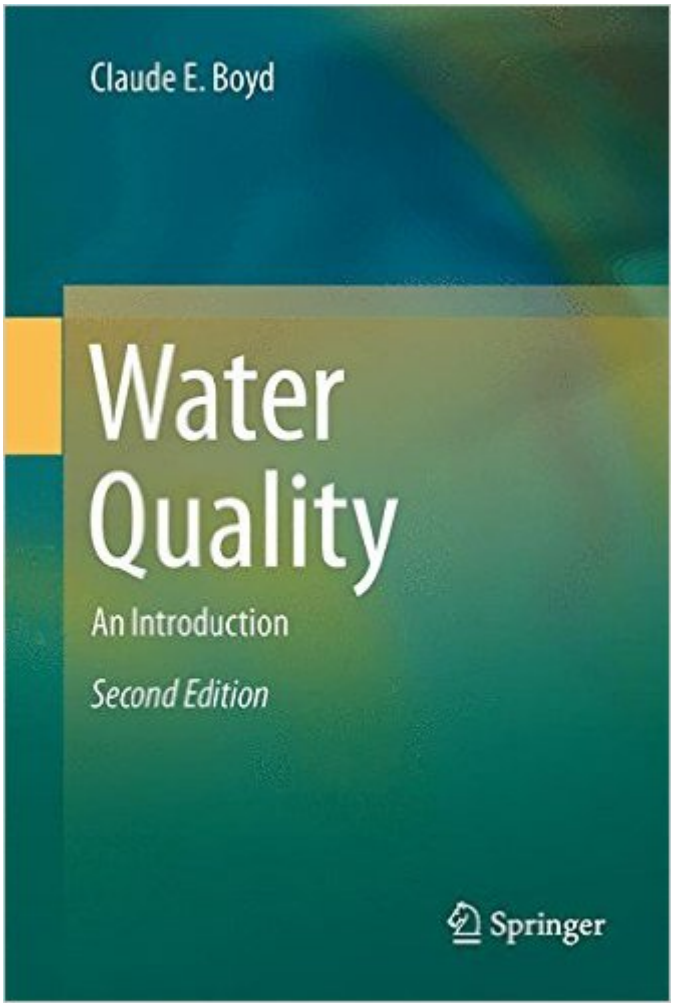
Water Quality: An Introduction



Synopsis

The revised second edition updates and expands the discussion, and incorporates additional figures and illustrative problems. Improvements include a new chapter on basic chemistry, a more comprehensive chapter on hydrology, and an updated chapter on regulations and standards. This book presents the basic aspects of water quality, emphasizing physical, chemical, and biological factors.Â The study of water quality draws information from a variety of disciplines including chemistry, biology, mathematics, physics, engineering, and resource management.University training in water quality is often limited to specialized courses in engineering, ecology, and fisheries curricula. This book also offers a basic understanding of water quality to professionals who are not formally trained in the subject.Because it employs only first-year college-level chemistry and very basic physics, the book is well-suited as the foundation for a general introductory course in water quality. It is equally useful as a guide for self-study and an in-depth resource for general readers.

Book Information

Hardcover: 357 pages

Publisher: Springer; 2nd ed. 2015 edition (July 23, 2015)

Language: English

ISBN-10: 3319174452

ISBN-13: 978-3319174457

Product Dimensions: 6.1 x 0.9 x 9.2 inches

Shipping Weight: 1.6 pounds (View shipping rates and policies)

Average Customer Review: Be the first to review this item

Best Sellers Rank: #1,249,870 in Books (See Top 100 in Books) #142 inÂ Books > Science & Math > Chemistry > Geochemistry #319 inÂ Books > Science & Math > Nature & Ecology > Water Supply & Land Use #418 inÂ Books > Engineering & Transportation > Engineering > Civil & Environmental > Environmental > Water Quality & Treatment

Water-Quality Engineering in Natural Systems: Fate and Transport Processes in the Water Environment Water Treatment WSO: Principles and Practices of Water Supply Operations Volume 1 (Water Supply Operations Series) Solar PV Powered UV Water Treatment: How to Solar Power UV Water Sterilizing Systems for Drinking Water Onsite Fruit Infused Water: 101 Fruit Infused Water Recipes for Weight Loss, Detox and Metabolism Boosting Vitamin Water Water is Life: Different Sources of Water and Ways to Conserve Them (For Early Science Learners): Nature Book for Kids - Earth Sciences (Children's Water Books) Water Quality: An Introduction Measuring Data Quality for Ongoing Improvement: A Data Quality Assessment Framework (The Morgan Kaufmann Series on Business Intelligence) Barely Legal Magazine by Hustler. Collectors Guide from # 1 in September, 1993 to October, 2016: Complete Barely Legal Collector's Guide: INDEXED FOR EASY ... QUALITY (HIGH QUALITY COLLECTOR'S GUIDES) Juran's Quality Planning and Analysis for Enterprise Quality (McGraw-Hill Series in Industrial Engineering and Management) ISO 10005:2005, Quality management systems - Guidelines for quality plans ISO 3951-1:2005, Sampling procedures for inspection by variables - Part 1: Specification for single sampling plans indexed by acceptance quality limit ... quality characteristic and a single AQL Quality Through Collaboration: The Future of Rural Health Care (Quality Chasm) Principles of Surface Water Quality Modeling and Control Industrial Water Quality Guidance Manual to Maintain Distribution System Water Quality Surface Water Quality Modeling