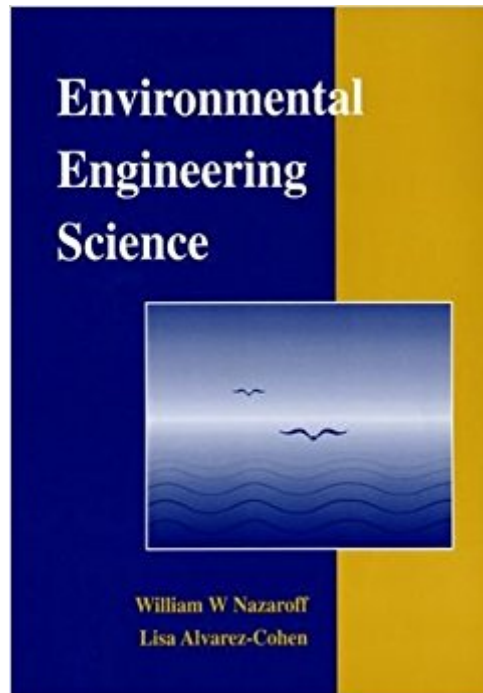




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Environmental Engineering Science



Synopsis

This book covers the fundamentals of environmental engineering and applications in water quality, air quality, and hazardous waste management. It begins by describing the fundamental principles that serve as the foundation of the entire field of environmental engineering. Readers are then systematically reintroduced to these fundamentals in a manner that is tailored to the needs of environmental engineers, and that is not too closely tied to any specific application.

Book Information

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Customer Reviews

Learn the Basic Principles of Environmental Engineering ... Connecting fundamental principles to practical applications, William Nazaroff and Lisa Alvarez-Cohen's ENVIRONMENTAL ENGINEERING SCIENCE provides a thorough and balanced introduction to water quality engineering, air quality engineering, and hazardous waste management. The text develops the scientific principles needed to understand environmental engineering, and then brings those principles to life through applications to the real-world solutions of environmental problems. Then Put Them into Practice Throughout, ENVIRONMENTAL ENGINEERING SCIENCE provides numerous opportunities to put fundamental principles into practice. Many worked examples offer clear explanations of complex environmental subjects. Fascinating quantitative problems enable you to apply what you've learned and develop strong problem-solving skills. A basic set of tools will help you solve problems in any area of environmental engineering practice. By following this

approach, readers will develop solid theoretical and practical knowledge of the field that will benefit them throughout their careers.

Very thorough explanation of the "what's" and the "why's." I wish I'd bought the book instead of rented. A few "facts" are outdated, but as far as I can recall they all state when the fact refers to (i.e. Carbon Dioxide levels in the atmosphere may no longer be correct). I wish there was an electronic version of this text, but on the plus side it isn't too large or heavy to carry.

I'm teaching a junior-level undergraduate course about coastal water quality. The students need a reference for the basics in environmental transport, chemistry, and biology, and this book has been a great resource. Highly recommend.

This is a very poorly written textbook. It is difficult to navigate and has many mistakes.

Nazaroff and Cohen-Alvarez: Where were you when I got interested in this field a long time ago? I used to buy several texts to cover the material covered in this great book. It combines information from various disciplines and provides a comprehensive resource that is invaluable. It covers the basics and takes the reader-user through to applications. It is obviously a valuable resource for engineering students and faculty as well as practitioners.

Ms. Cohen and Mr. Nazaroff make environmental science spring to life in this comprehensive, fascinating work which will undoubtedly become the standard text for serious students of the environment worldwide.3 cheers! When is volume 2 coming???J. Cahn MSEE Stanford

This is a recommended reading text in a 3rd yr Env. Science paper here in N.Z. I find it relevant and pertinent - highly recommended

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