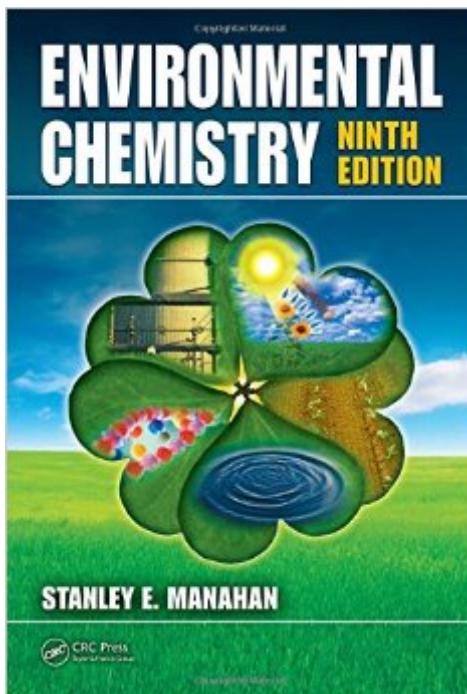


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Environmental Chemistry, Ninth Edition



Synopsis

The field of environmental chemistry has evolved significantly since the publication of the first edition of Environmental Chemistry. Throughout the book's long life, it has chronicled emerging issues such as organochloride pesticides, detergent phosphates, stratospheric ozone depletion, the banning of chlorofluorocarbons, and greenhouse warming. During this time the first Nobel Prize for environmental chemistry was awarded. Written by environmental chemist Stanley Manahan, each edition has reflected the field's shift of emphasis from pollution and its effects to its current emphasis on sustainability. What makes this book so enduring? Completely revised, this ninth edition retains the organizational structure that has made past editions so popular with students and professors while updating coverage of principles, tools, and techniques to provide fundamental understanding of environmental chemistry and its applications. It includes end-of chapter questions and problems, and a solutions manual is available upon qualifying course adoptions. Rather than immediately discussing specific environmental problems, Manahan systematically develops the concept of environmental chemistry so that when he covers specific pollution problems the background necessary to understand the problem has already been developed. New in the Ninth Edition: revised discussion of sustainability and environmental science updates information on chemical fate and transport, cycles of matter examination of the connection between environmental chemistry and green chemistry coverage of transgenic crops the role of energy in sustainability potential use of toxic substances in terrorist attacks Manahan emphasizes the importance of the anthrosphere – that part of the environment made and operated by humans and their technologies. Acknowledging technology will be used to support humankind on the planet, it is important that the anthrosphere be designed and operated in a manner that is compatible with sustainability and that it interacts constructively with the other environmental spheres. With clear explanations, real-world examples, and updated questions and answers, the book emphasizes the concepts essential to the practice of environmental science, technology, and chemistry while introducing the newest innovations in the field. Readily adapted for classroom use, a solutions manual is available with qualifying course adoption.

Book Information

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Customer Reviews

It's a little strange to write a review for a college textbooks that I had no choice but to buy. The book is comprehensive and fairly easy to follow. My only complaint is that the tone is a little slanted toward the environmental activist side.

Poor structure. Data is just thrown at the reader in a way that doesn't help to build new knowledge. I certainly don't recommend it. Complexity varies wildly. Extremely poor diagrams.

Good textbook, easy to read and informative. The illustrations look like they were made by a 3 year old with clip art though.

This text was very helpful for my class and I LOVED the ebook I rented. I could search for topics, jump around with the table of contents or look up specific pages mentioned by my professor. The rented text book was exactly what I needed and very user friendly.

Tear and binding not as expected but other than that good condition.

Great Book! Price could be little lower!

I'm not much of a computer book person but this one is okay, I have a MacBook Pro that reads words I highlight but when I used this feature in the Kindle it registered as words being copied so I could only use that feature for so long. Other than that it works fine. I like being able to type in key words and make notes and such.

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