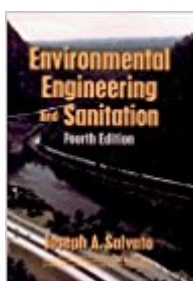


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# Environmental Engineering And Sanitation (Environmental Science And Technology: A Wiley-Interscience Series Of Texts And Monographs)



## Synopsis

Updated to cover new laws and standards, including Federal Safe Drinking Act, the Resource Conservation and Recovery Act, and the Clean Air Act of 1990. Applies sanitation and engineering theory and principles to environmental control in urban, suburban and rural communities.

Engineering design, construction, operation and maintenance details are provided throughout as they relate to plants and structures. Topics include: disease control, water supply, wastewater treatment and disposal, air pollution and noise control, radiation uses and protection, recreation areas, solid waste management and much more.

## Book Information

Series: Environmental Science and Technology: A Wiley-Interscience Series of Texts and Monographs (Book 99)

Hardcover: 1418 pages

Publisher: Wiley-Interscience; 4 edition (April 1992)

Language: English

ISBN-10: 0471523771

ISBN-13: 978-0471523772

Product Dimensions: 6.4 x 2.3 x 9.7 inches

Shipping Weight: 4.4 pounds

Average Customer Review: 4.3 out of 5 stars 6 customer reviews

Best Sellers Rank: #1,473,766 in Books (See Top 100 in Books) #25 in [Books > Science & Math > Environment > Recycling](#) #323 in [Books > Engineering & Transportation > Engineering > Civil & Environmental > Environmental > Waste Management](#) #773 in [Books > Textbooks > Engineering > Environmental Engineering](#)

## Customer Reviews

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good to have.

The book does not look like the picture at all!

I have just reviewed the ENVIRONMENTAL ENGINEERING AND SANITATION 1994 SUPPLEMENT, by Joseph A. Salvato and Joe E. Beck. It's a great resource for professionals seeking a broader vision of environmental health practice areas and where we are heading. Prof. Beck obviously put a lot of work into conceptualizing this volume and working with the distinguished contributors. In particular, I found the first chapter, Stakeholder Focused Interactive Planning (SFIP) by Joe Beck and Steven Ison to be a brilliant piece on the desirability of (indeed, the imperative for our profession to) include the public in problem-solving and planning. I have used this process and mediated disputes ranging from siting controversies (haz. waste facility siting in Massachusetts) to determining future land use options at Hanford in the nuclear weapons complex. I commend both Beck and Ison for their clear portrayal of the paradigm as well as the steps one undertakes in conducting such planning. Federal government engineers and planners have been learning the hard way about what happens when decisions are made without public input and without regard to the values, interests, and expectations of so-called stakeholders. At Hanford, more than \$20 billion in appropriations has yielded precious little in terms of actual cleanup: one may wonder if Congress will continue to appropriate the substantial \$6 billion a year for the Dept. of Energy's Environmental Management Program without consensus of the public on #1) the benefits or #2) the ameliorated risks from present expenditures. Current stakeholders come from a wide range of public interest groups and they do not get along particularly well. They do not have current programs or projects that reflect the use of the SFIP and researchers should be asking themselves, "Why not?" (Resources for the Future [RFF] has an on-going research project that tackles public participation in environmental decision making). I would also like to comment on Ch. 6 "The Institutional Environment: Biosafety" by Darly Rowe. The importance of Dr. Rowe's conclusion that we must rely on consultation and working with the client on biosafety issues cannot be overstated. I also like the typology which places biosafety issues in proper perspective. We seem to be deluged with risks and risk information, and his approach is clear, concise and elegant. In sum, I believe that environmental health professionals can apply the insights in this series of articles in a way that will help supplant the "command-and-control" mentality that has battered so many of our colleagues and public health/environment inspectors, and baffled decision makers in the past two decades.

Asst. Prof. R. Steven Konkell, Ph.D., ECU

This reply has been long over due, but the book is good. I was able to read from it in preparation for the California State Register Environmental Health Specialist exam (R.E.H.S). I passed that REHS exam back in August 2006 in part to Salvato's book. Thanks

This text is one of the most definitive AND USEFUL shelf references for the environmental health sciences. Detailed, accurate, wide-ranging on topics of immediate interest to the practicing sanitarian, engineer or the very interested non-practitioner. Support from the publisher has been poor. For two years after the announcement of the current addendum, the publisher "disavowed knowledge" of an addendum. When published, the addendum had the same ISBN number as the complete text -- creating the untoward appearance of a "reduced" price complete addition. Salvato, could for the price of this text, be on a more current update of information contained in some chapters (2-3 year cycle). The scope of this work would justify numerous consulting authors. While it is one of the best shelf references and "learning texts" it could still be improved and be better supported by a publisher that sometimes seems to have insulated itself from the buying public.

GREAT!!!!

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