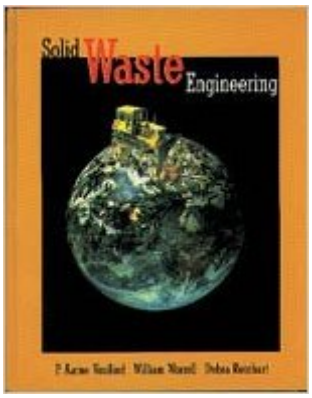
Solid Waste Engineering



Synopsis

SOLID WASTE ENGINEERING is one of a handful of engineering textbooks to address the growing and increasingly intricate problem of controlling and processing the refuse created by our urban society. While the authors discuss issues such as regulations and legislation, their main emphasis is on solid waste engineering principles. They maintain their focus on principles by first explaining the basic principles of the field, then demonstrating how these principles are applied in real world settings through worked examples.

Book Information

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Best Sellers Rank: #607,004 in Books (See Top 100 in Books) #11 inÃ Â Books > Science & Math > Environment > Recycling #143 inÃ Â Books > Engineering & Transportation > Engineering > Civil & Environmental > Environmental > Waste Management #319 inÃ Â Books > Textbooks > Engineering > Environmental Engineering

Customer Reviews

"The book is clearly written and concepts are clearly described.""I really enjoy the final thoughts sections. We had fun discussing these in class." --This text refers to an out of print or unavailable edition of this title.

P. Arne Vesilind received his undergraduate degree in civil engineering from Lehigh University and his Ph.D. in environmental engineering from the University of North Carolina. He spent a post-doctoral year with the Norwegian Institute for Water Research in Oslo and a year as a research engineer with Bird Machine Company. He joined the faculty at Duke University in 1970 where he served as chair of the Department of Civil and Environmental Engineering. In 1999, he was appointed to the R. L. Rooke Chair of the Historical and Societal Context of Engineering at Bucknell University. He served in this capacity until his retirement in 2006.William A. Worrell received a B.S.

and M.S. in Civil Engineering from Duke University in 1976 and 1978 respectively. His Master's Thesis involved evaluating the separation efficiencies of various air classifiers. In 1989 he attended Harvard University's John F. Kennedy School of Government Summer Program for Senior Executives in State and Local Government. Mr. Worrell has published and/or presented 44 professional papers in the United States, England, Switzerland, Japan, Hong Kong and China. He is a registered professional engineer in California, Georgia and Florida.

There is a lot of complicated math that goes into handling our municipal waste. This book proves we can make anything complicated. It would have been nice if they checked their work before issuing the book. There are a number of errors in the formulas which makes learning a challenge.

As far as textbooks go, this one is actually pretty readable. I don't have great difficulty staying awake while reading it. It seems to be organized fairly well. However, it is a little bit dated and doesn't cover some of the more contemporary issues in solid waste management like prevalance of transfer stations and limited number of landfills. Overall though an accessible text.

Accurate description fast arrival

Great book,very simple language

A very complete and comprehensive reading. A must read for all solid waste professionals. Illustrations and exercises are very valuable.

very good

Provides a decent breadth of information for an introduction to the field, but many of the examples in the book fall painfully short. The authors set up real-world scenarios, which is great and often lacking in textbooks, but then sometimes fails to carry the explanation through.This is a shame because otherwise this would be an amazing introductory resource for the topic. I assume this is an instance where the authors know the topic so well that it is assumed that others have this knowledge, too.

Solid Waste Engineering: A Global Perspective (Activate Learning with these NEW titles from

Engineering!) Geoenvironmental Engineering: Site Remediation, Waste Containment, and Emerging Waste Management Techonolgies Integrated Solid Waste Management: Engineering Principles and Management Issues Solid Waste Engineering Zero Waste Home: The Ultimate Guide to Simplifying Your Life by Reducing Your Waste Feedstock Recycling and Pyrolysis of Waste Plastics: Converting Waste Plastics into Diesel and Other Fuels Characterization of Remote-Handled Transuranic Waste for the Waste Isolation Pilot Plant: Final Report (Compass series) Handbook of Solid Waste Management The Solid Waste Handbook: A Practical Guide Composting and Recycling Municipal Solid Waste Standard Handbook for Solid and Hazardous Waste Facility Assessments Partnership for improving water, sanitation, solid waste, and hygiene education system in rural Bangladesh (Special publication) Introduction to Solid Modeling Using SolidWorks 2017 (Engineering Graphics) Fundamentals of Network Analysis and Synthesis (Prentice-Hall electrical engineering series. Solid state physical electronics series. Prentice-Hall networks series) The Solid State: An Introduction to the Physics of Crystals for Students of Physics, Materials Science, and Engineering (Oxford Physics Series) Optical Processes in Semiconductors (Prentice-Hall electrical engineering series. Solid state physical electronics series) Heat, Bearings, and Lubrication: Engineering Analysis of Thermally Coupled Shear Flows and Elastic Solid Boundaries Solid Lubrication Fundamentals and Applications (Materials Engineering) Classical and Computational Solid Mechanics (Advanced Series in Engineering Science) Solid State Physics for Engineering and Materials Science