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Environmental Engineering: Fundamentals, Sustainability, Design



Synopsis

Environmental Engineering: Fundamentals, Sustainability, Design presents civil engineers with an introduction to chemistry and biology, through a mass and energy balance approach. ABET required topics of emerging importance, such as sustainable and global engineering are also covered. Problems, similar to those on the FE and PE exams, are integrated at the end of each chapter. Aligned with the National Academy of Engineering's focus on managing carbon and nitrogen, the 2nd edition now includes a section on advanced technologies to more effectively reclaim nitrogen and phosphorous. Additionally, readers have immediate access to web modules, which address a specific topic, such as water and wastewater treatment. These modules include media rich content such as animations, audio, video and interactive problem solving, as well as links to explorations. Civil engineers will gain a global perspective, developing into innovative leaders in sustainable development.

Book Information

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Customer Reviews

Interesting, helpful, thorough, and relevant. This book goes beyond the bare bones of environmental engineering, and invites the readers to think about current environmental problems and compare the possible solutions. Normally, I dread reading textbooks for classes because they tend to be so dull, but this is actually an enjoyable read. Definitely worth the purchase.

It seems to me this is a very good textbook for an undergraduate course, or introductory course, on

the subject of Environmental Engineering. Presenting many issues, rather controversial, but up to date. The sustainability issue has been acceptably treated. I liked the presentation of different themes, as well as, the application problems and group discussions. Good effort, nicely printed

Loved the fact that I can rent instead of buy! Book was excellent for what I needed.

Arrived in two days instead of the two weeks. Very impressed.

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