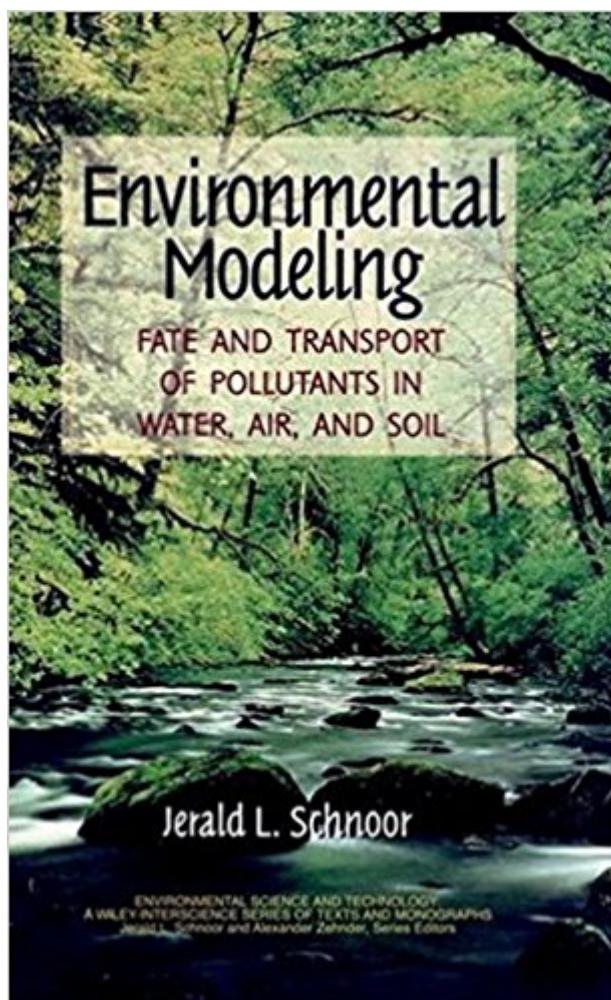


The book was found

Environmental Modeling: Fate And Transport Of Pollutants In Water, Air, And Soil



Synopsis

A comprehensive, thoroughly modern approach to environmental quality assessment. The only textbook to combine engineering transport fundamentals and equilibrium aquatic chemistry, Environmental Modeling brings a uniquely contemporary perspective to the assessment of environmental quality. Addressing key questions about fate, transport, and long-term effects of chemical pollutants in the environment, this inherently practical text gives readers the important tools they need to develop and solve their own mathematical models. Contains detailed examples from a wide range of crucial water quality areas-conventional pollutants in rivers, eutrophication of lakes, and toxic organic chemicals and heavy metals in both surface and groundwaters. Examines current global issues, including atmospheric deposition, hazardous wastes, soil pollution, global change, and more. Features over 200 high-quality illustrations, plus skill-building problems in every chapter. Fresh in approach and broad in scope, Environmental Modeling is must reading for today's graduate and advanced undergraduate students in environmental sciences and engineering-a rich, invaluable, and superlative new resource.

Book Information

Hardcover: 704 pages

Publisher: Wiley-Interscience; 1 edition (October 4, 1996)

Language: English

ISBN-10: 0471124362

ISBN-13: 978-0471124368

Product Dimensions: 6.5 x 1.6 x 9.1 inches

Shipping Weight: 2.4 pounds (View shipping rates and policies)

Average Customer Review: 3.1 out of 5 stars 2 customer reviews

Best Sellers Rank: #569,434 in Books (See Top 100 in Books) #168 in Books > Engineering & Transportation > Engineering > Civil & Environmental > Environmental > Pollution #299 in Books > Textbooks > Engineering > Environmental Engineering #884 in Books > Textbooks > Science & Mathematics > Environmental Studies

Customer Reviews

Combines fundamental concepts of pollutant fate and transport with chemical principles in a modern text which assesses environmental quality. Features examples from a wide diversity of water quality issues such as conventional pollutants in rivers, eutrophication of lakes, and toxic organic chemicals and heavy metals in surface and groundwaters. Demonstrates how to develop and solve

mathematical models for a variety of chemical pollutants. Current concerns over atmospheric deposition, groundwater contamination and global change are also discussed.

A comprehensive, thoroughly modern approach to environmental quality assessment The only textbook to combine engineering transport fundamentals and equilibrium aquatic chemistry, Environmental Modeling brings a uniquely contemporary perspective to the assessment of environmental quality. Addressing key questions about fate, transport, and long-term effects of chemical pollutants in the environment, this inherently practical text gives readers the important tools they need to develop and solve their own mathematical models. Contains detailed examples from a wide range of crucial water quality areas-conventional pollutants in rivers, eutrophication of lakes, and toxic organic chemicals and heavy metals in both surface and groundwaters Examines current global issues, including atmospheric deposition, hazardous wastes, soil pollution, global change, and more Features over 200 high-quality illustrations, plus skill-building problems in every chapter Fresh in approach and broad in scope, Environmental Modeling is must reading for today's graduate and advanced undergraduate students in environmental sciences and engineering-a rich, invaluable, and superlative new resource.

Well written, easy to understand.

You're probably not looking to buy this for fun (it's probably mandatory for a class), but I've found that it doesn't do a wonderful job of teaching the subject. It has tons of information in it, but lacks clear examples to reinforce what it's trying to teach. If you have a choice, look for another book that helps teach the material using examples of applications.

[Download to continue reading...](#)

Environmental Modeling: Fate and Transport of Pollutants in Water, Air, and Soil AIR FRYER: TOP 35 Easy And Delicious Recipes In One Cookbook For Everyday Life (Air Fryer Recipe Book, Air Fryer Cooking, Air Fryer Oven, Air Fryer Baking, Air Fryer Book, Air Frying Cookbook) Air Fryer: Air Fryer Cookbook: Air Fryer Recipes: Healthy, Quick, & Easy Air Fryer Recipes for You & Your Family (Air Fryer, Air Fryer Cookbook, Air Fryer Recipes Book 1) AIR FRYER COOKBOOK: 135 AMAZINGLY DELICIOUS QUICK & EASY AIR FRYER RECIPES (air fryer healthy recipes, air fryer paleo, air fryer ultimate, air fryer gluten free, air fryer ketogenic) Pure Water: The Science of Water, Waves, Water Pollution, Water Treatment, Water Therapy and Water Ecology Integrated Environmental Modeling: Pollutant Transport, Fate, and Risk in the Environment Air Plants: A

Beginners Guide To Understanding Air Plants, Growing Air Plants and Air Plant Care (Air Plants, Ornamental Plants, House Plants) Air Plants: Everything that you need to know about Air Plants in a single book (air plants, air plant care, terrarium, air plant book) Air Fryer Cookbook: 450 Amazingly Healthy & Delicious Air Fryer Recipes. (With Nutrition Facts of Each & Every Recipe) (Air fryer Cookbook, Air fryer Recipes, Air fryer Recipe Book) Air Fryer Cookbook: Healthy & Easy Air Fryer Recipes for Everyone (Air Fryer Recipe Book, Air Fryer Cooking, Best Air Fryer Recipes) Water-Quality Engineering in Natural Systems: Fate and Transport Processes in the Water Environment Methods of Soil Analysis. Part 2. Microbiological and Biochemical Properties (Soil Science Society of America Book, No 5) (Soil Science Society of America Book Series) Environmental Engineering: Prevention and Response to Water-, Food-, Soil-, and Air-borne Disease and Illness Introduction to the Numerical Modeling of Groundwater and Geothermal Systems: Fundamentals of Mass, Energy and Solute Transport in Poroelastic Rocks (Multiphysics Modeling) ASTNA Patient Transport: Principles and Practice, 4e (Air & Surface Patient Transport: Principles and Practice) ASTNA Patient Transport - E-Book: Principles and Practice (Air & Surface Patient Transport: Principles and Practice) Air Fryer Cookbook: 365 Days of Air Fryer Cookbook - 365 Healthy, Quick and Easy Recipes to Fry, Bake, Grill, and Roast with Air Fryer (Everything Complete Air Fryer Book, Vegan, Paleo, Pot, Meals) BOOK BUNDLE: The complete set of 3 awesome Air Fryer cookbooks: Air Fryer Made Simple, Air Fryer Advanced, Air Fryer Ultimate. Make pro level dishes from the comfort and privacy of Your kitchen! Air Fryer Recipes Cookbook: Delicious 123 Recipes to Fry, Bake, Grill, and Roast with Your Air Fryer(Air Fryer Cookbook, Oil Free Cookbook,Healthy Air Fryer Recipes) Air Fryer Recipes: The Ultimate Air Fryer Recipes Book for Your WHOLE Family - Includes 101+ Delicious & Healthy Recipes That Are Quick & Easy to Make for Your Air Fryer (Air Fryer Series)

[Contact Us](#)

[DMCA](#)

[Privacy](#)

[FAQ & Help](#)