1. Record Nr. UNINA9910877481303321

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Titolo	A basic introduction to pollutant fate and transport : an integrated approach with chemistry, modeling, risk assessment, and environmental legislation / / Frank M. Dunnivant, Elliot Anders
Pubbl/distr/stampa	Hoboken, N.J., : Wiley-Interscience, c2006
ISBN	1-280-34968-9 9786610349685 0-470-32323-X 0-471-75813-2 0-471-75812-4
Descrizione fisica	1 online resource (504 p.)
Altri autori (Persone)	AndersElliot
Disciplina	628.5/2 628.52
Soggetti	Pollution - Mathematical models Pollutants Environmental chemistry Environmental risk assessment Environmental policy
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	A BASIC INTRODUCTION TO POLLUTANT FATE AND TRANSPORT; CONTENTS; PREFACE; To the Instructor; To the Student; To the Environmental Professional; How to Use the Book with Fate® and Associated Software; Acknowledgments; SYMBOLS; GLOSSARY; PART I INTRODUCTION; CHAPTER 1 SOURCES AND TYPES OF POLLUTANT, WHY WE NEED MODELING, AND HISTORICAL CONTAMINATION EVENTS; 1.1 Introduction; 1.2 The Need for Modeling of Pollutants in Environmental Media; 1.3 Pollution Versus Contamination; Pollutant Versus Contaminant; 1.4 Pollution Classifications; 1.5 Sources of Pollution 1.6 Historic Examples of Where Fate and Transport Modeling are Useful1.6.1 Surface Water; 1.6.2 Groundwater; 1.6.3 Atmosphere; 1.7 Environmental Laws; References; PART II CHEMISTRY OF FATE AND

Sommario/riassunto

A uniquely accessible text on environmental modeling designed for both students and industry personnel Pollutant fate and modeling are becoming increasingly important in both regulatory and scientific areas. However,the complexity of the software and models often act as an inhibitor to the advancement of water quality science. A Basic Introduction to Pollutant Fate and Transport fills the need for a basic instructional tool for students and environmental professionals who lack the rigorous mathematical background necessary to derive the governing fate and transport equations.