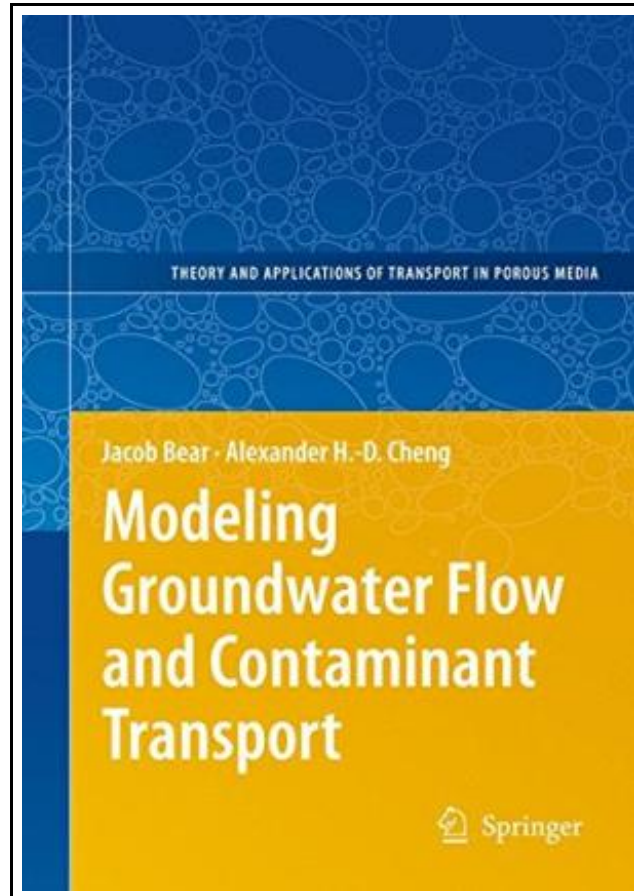


Modeling Groundwater Flow and Contaminant Transport



Filesize: 4.22 MB

Reviews

Extremely helpful to any or all category of men and women. It really is rally exciting throgh reading time. I am just happy to let you know that this is basically the greatest pdf i have got go through in my personal existence and may be he finest book for at any time.

(Carroll Greenfelder IV)

MODELING GROUNDWATER FLOW AND CONTAMINANT TRANSPORT



Springer. Hardcover. Book Condition: New. Hardcover. 834 pages. Dimensions: 9.4in. x 6.2in. x 1.6in. In many parts of the world, groundwater resources are under increasing threat from growing demands, wasteful use, and contamination. To face the challenge, good planning and management practices are needed. A key to the management of groundwater is the ability to model the movement of fluids and contaminants in the subsurface. The purpose of this book is to construct conceptual and mathematical models that can provide the information required for making decisions associated with the management of groundwater resources, and the remediation of contaminated aquifers. The basic approach of this book is to accurately describe the underlying physics of groundwater flow and solute transport in heterogeneous porous media, starting at the microscopic level, and to rigorously derive their mathematical representation at the macroscopic levels. The well-posed, macroscopic mathematical models are formulated for saturated, single phase flow, as well as for unsaturated and multiphase flow, and for the transport of single and multiple chemical species. Numerical models are presented and computer codes are reviewed, as tools for solving the models. The problem of seawater intrusion into coastal aquifers is examined and modeled. The issues of uncertainty in model input data and output are addressed. The book concludes with a chapter on the management of groundwater resources. Although one of the main objectives of this book is to construct mathematical models, the amount of mathematics required is kept minimal. This item ships from multiple locations. Your book may arrive from Roseburg, OR, La Vergne, TN. Hardcover.



[Read Modeling Groundwater Flow and Contaminant Transport Online](#)



[Download PDF Modeling Groundwater Flow and Contaminant Transport](#)

Other Books



Shepherds Hey, Bfms 16: Study Score

Petrucchi Library Press. Paperback. Book Condition: New. Paperback. 22 pages. Dimensions: 9.4in. x 7.1in. x 0.0in.Percy Grainger, like his contemporary Bela Bartok, was intensely interested in folk music and became a member of the English...

[Read Document »](#)



NIRV Outreach Bible

Biblica. Paperback. Book Condition: New. Paperback. 1344 pages. Dimensions: 8.4in. x 5.6in. x 2.5in.This low-cost New International Readers Version Bible (NIRV) is affordably priced for giving away, and is a very effective translation for children,...

[Read Document »](#)



Dont Line Their Pockets With Gold Line Your Own A Small How To Book on Living Large

Madelyn D R Books. Paperback. Book Condition: New. Paperback. 106 pages. Dimensions: 9.0in. x 6.0in. x 0.3in.This book is about my cousin, Billy a guy who taught me a lot over the years and who...

[Read Document »](#)



The Mystery at the Eiffel Tower Around the World in 80 Mysteries

Gallopade International. Paperback. Book Condition: New. Paperback. 129 pages. Dimensions: 7.4in. x 5.0in. x 0.4in.When you purchase the Library Bound mystery you will receive FREE online eBook access! Carole Marsh Mystery Online eBooks are an...

[Read Document »](#)



Too Old for Motor Racing: A Short Story in Case I Didnt Live Long Enough to Finish Writing a Longer One

Balboa Press. Paperback. Book Condition: New. Paperback. 106 pages. Dimensions: 9.0in. x 6.0in. x 0.3in.We all have dreams of what we want to do and who we want to become. Many of us eventually decide...

[Read Document »](#)