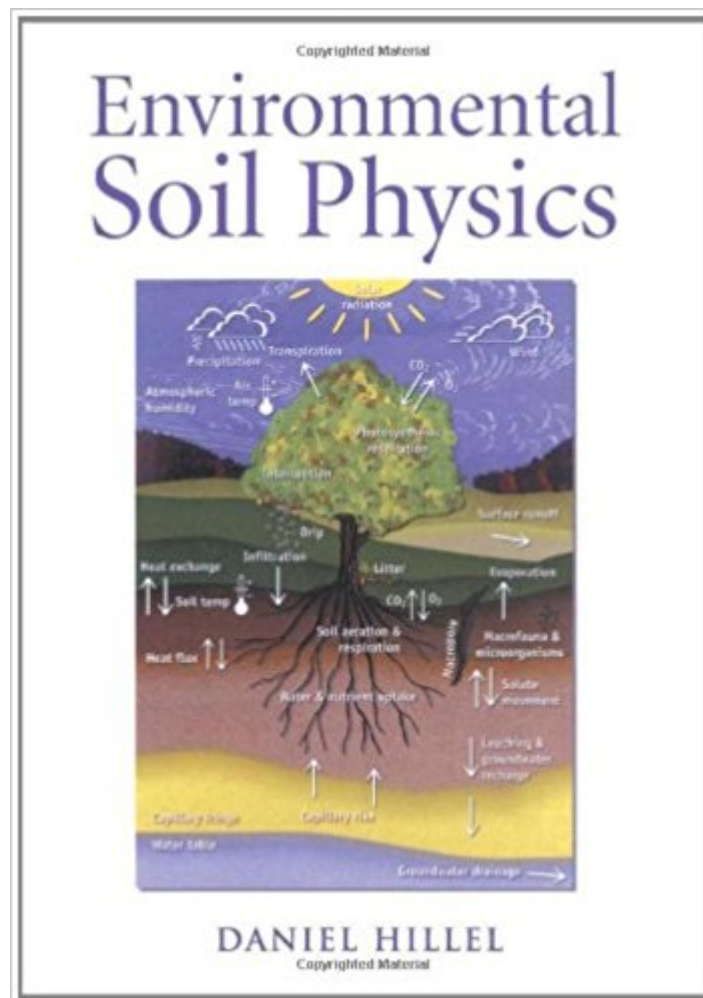




The book was found

Environmental Soil Physics: Fundamentals, Applications, And Environmental Considerations



Synopsis

Environmental Soil Physics is a completely updated and modified edition of the Daniel Hillel's previous, successful books, Introduction to Soil Physics and Fundamentals of Soil Physics. Hillel is a Pulitzer Prize-winning author, one of the true leaders in the field of environmental sciences. The new version includes a chapter and problems on computational techniques, addresses current environmental concerns and trends. Updates and expands the scope of Hillel's prior works, Fundamentals of Soil Physics (1980) and Applications of Soil Physics (1980). Explores the wide range of interactions among the phases in the soil and the dynamic interconnections of the soil with the subterranean and atmospheric domains. Draws attention to historical and contemporary issues concerning the human management of soil and water resources. Directs readers toward solution of practical problems in terrestrial ecology, field-scale hydrology, agronomy, and civil engineering. Incorporates contributions by leading scientists in the areas of spatial variability, soil remediation, and the inclusion of land-surface processes in global climate models.

Book Information

Hardcover: 771 pages

Publisher: Academic Press; 1 edition (September 14, 1998)

Language: English

ISBN-10: 0123485258

ISBN-13: 978-0123485250

Product Dimensions: 7 x 1.7 x 10 inches

Shipping Weight: 3.3 pounds (View shipping rates and policies)

Average Customer Review: 3.6 out of 5 stars 3 customer reviews

Best Sellers Rank: #510,105 in Books (See Top 100 in Books) #90 in Books > Science & Math > Agricultural Sciences > Soil Science #104 in Books > Science & Math > Agricultural Sciences > Agronomy #242 in Books > Politics & Social Sciences > Social Sciences > Library & Information Science > Library Management

Customer Reviews

"...This text would make a valuable reference book for anyone working with soils in an environment context. The undertaking of this book by the author greatly serves a new age of environmental soil scientist. Environmental awareness is at its highest level ever and it is nice to have a leading scientist in his field cater to pertinent issues. This is a fine example of traditional subject matter being modernized to address current and relevant global issues." --JOURNAL OF

ENVIRONMENTAL QUALITY "Hillel offers an authoritative account of the physical properties of soil and its role in both natural and managed ecosystems." --CHOICE

Written by an eminent scientist known for his seminal contributions to the field and for his definitive publications, *Environmental Soil Physics* is a comprehensive, fundamental, and accessible guide to the physical principles and processes governing the behavior of soil and its vital role in both natural and managed ecosystems. Based on sound theory and practical field experience, the book describes the soil as a central link in the continuous chain that constitutes the terrestrial environment; a medium that generates and sustains life, while serving to recycle waste products. It reveals how the functioning of the soil can be affected-for better or worse-by human action. *Environmental Soil Physics* defines and describes the dynamic cycles of energy, water, solids, solutes, mineral, gases, and living organisms in the soil. It is self-contained and self-explanatory, with numerous illustrations and sample problems, up-to-date references, and relevance to real-world conditions.

This book is fantastic! Everything is extremely clear and all formulas are discussed in length. Very pleased to be using this book for class.

When we received homework on this class, the textbook did not help. There weren't examples of exercises. This textbook was only theoretical.

a great book for reference and detailed study . clear concepts and i believe a must buy for studying transport through soils

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

Environmental Soil Physics: Fundamentals, Applications, and Environmental Considerations
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) *Fundamentals of Statistical and Thermal Physics* (Fundamentals of Physics) *Clinical Applications of Nursing Diagnosis: Adult, Child, Women's, Psychiatric, Gerontic, and Home Health Considerations* *Engineering Physics: Fundamentals & Modern Applications* (Physics) *Introduction to Environmental Soil Physics* *Plant & Soil Science: Fundamentals & Applications* (Texas Science) *Balancing Soil Nutrients and Acidity: The Real Dirt on Cultivating Crops, Compost, and a Healthier Home* (The Ultimate Guide to Soil Book 3) *The Soil Will Save Us: How Scientists, Farmers, and Ranchers Are Tending the Soil to*

Reverse Global Warming The Soul of Soil: A Soil-Building Guide for Master Gardeners and Farmers, 4th Edition Start With the Soil: The Organic Gardener's Guide to Improving Soil for Higher Yields, More Beautiful Flowers, and a Healthy, Easy-Care Garden Taylor's Weekend Gardening Guide to Soil and Composting: The Complete Guide to Building Healthy, Fertile Soil (Taylor's Weekend Gardening Guides (Houghton Mifflin)) Soil Water and Agronomic Productivity (Advances in Soil Science) Dynamics of Wheel-œSoil Systems: A Soil Stress and Deformation-Based Approach (Ground Vehicle Engineering) The Soil Will Save Us: How Scientists, Farmers, and Foodies Are Healing the Soil to Save the Planet Improving Your Soil: A Practical Guide to Soil Management for the Serious Home Gardener The living soil;: Evidence of the importance to human health of soil vitality, with special reference to post-war planning, The Solid State: An Introduction to the Physics of Crystals for Students of Physics, Materials Science, and Engineering (Oxford Physics Series) Head First Physics: A learner's companion to mechanics and practical physics (AP Physics B - Advanced Placement) Physics for Scientists and Engineers with Modern Physics: Volume II (3rd Edition) (Physics for Scientists & Engineers)

[Contact Us](#)

[DMCA](#)

[Privacy](#)

[FAQ & Help](#)