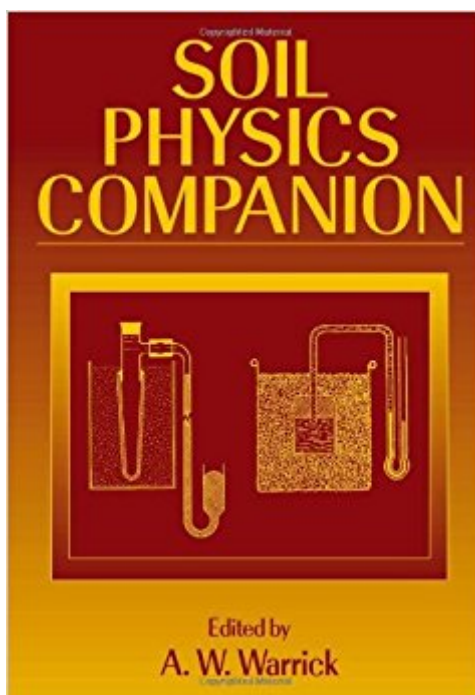


The book was found

Soil Physics Companion



Synopsis

An authoritative reference on soil physics, *Soil Physics Companion* is lavishly illustrated with graphs, charts, line drawings, and equations. The book provides a valuable source of material and reference for most contemporary topics of soil physics and the vadose zone - arguably the most comprehensive volume available. In addition to being a reliable reference, it is valuable as an advanced text from which topics of interest can be selected by the teacher and student. Topics include:

- Static and dynamic aspects of soils
- Transport processes and soil water measurements
- Movement of soil water in the context of overall water balance and its key role in the hydrologic cycle
- Energy balance and thermal regime
- Soil-plant-atmospheric interface
- Solute transport and soil-gas movement
- Spatial variability

Building on the work begun in the bestselling *Handbook of Soil Science*, this reference takes soil physics one step further. Convenient and easy-to-use, it provides in-depth information at your fingertips. When you need easily accessible, readily available facts and theories, you need the *Soil Physics Companion*.

Book Information

Hardcover: 400 pages

Publisher: CRC Press; 1 edition (December 28, 2001)

Language: English

ISBN-10: 0849308372

ISBN-13: 978-0849308376

Product Dimensions: 7.2 x 1.1 x 10.3 inches

Shipping Weight: 1.9 pounds (View shipping rates and policies)

Average Customer Review: Be the first to review this item

Best Sellers Rank: #852,149 in Books (See Top 100 in Books) #143 in [Books > Science & Math > Physics > Applied](#) #183 in [Books > Science & Math > Agricultural Sciences > Agronomy](#) #197 in [Books > Science & Math > Earth Sciences > Geophysics](#)

Customer Reviews

"Soil Physics Companion is an expanded version of the soil physics chapter in the *Handbook of Soil Science*, ed. by Malcom E. Summer (CH, Jan' 00). Warrick has expanded the original format, which addresses several major topics of contemporary soil physics. He has used the same chapter format, and the same authors write on their respective topics. Additions to each chapter include boxed examples with problems, questions, citations, and additional descriptions, emphasizing a primary chapter concept. Along with general principles and methodology presented in the *Handbook of Soil*

Science, the Companion is extensively illustrated with figures, tables, illustrations of instruments for measuring soil water content and potential, and descriptions of new devices useful for measuring soil physical properties. The writing style is consistent from chapter to chapter regardless of author. Warrick has created a supplement for those interested only in soil physics without having to acquire the larger handbook. Readers include soil scientists, hydrologists, and agronomists with strong backgrounds in soils. Upper-division undergraduates through professionals involved in soil research." -S.G. Shetron, emeritus, Michigan Technological University, in CHOICE "Besides in-depth discussion of these important topics, the book contains interesting and stimulating worked-out examples, food-for-thought questions, and historical stories related to soil physics. The discussions of new devices for measuring soil properties are also useful. At the end of each chapter, a vast number of current references are provided. The book is extremely well organized. The editor and contributors of the chapters are leading scientists and recognized authorities on the topics. The book should be one of the best authoritative references on the soil physics." -R. Zhang, University of Wyoming, in the Journal of Environmental Quality" chapters flow easily from one to another the quality of the figures and format of the layout is of similar high quality for all chapters Overall, Soil Physics Companion is a valuable reference value the book as a reference for my graduate students and myself" -Jan W. Hopmans, University of California-Davis, in Soil Science, Vol. 167, No. 12, December 2002 Promo Copy

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

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) Head First Physics: A learner's companion to mechanics and practical physics (AP Physics B - Advanced Placement) Soil Physics Companion 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 Improving Your Soil: A Practical Guide to Soil Management for the Serious Home Gardener Taylor's Weekend Gardening Guide to Soil and Composting: The Complete Guide to Building Healthy, Fertile Soil (Taylor's Weekend Gardening Guides (Houghton Mifflin)) The living soil;: Evidence of the importance to human health of soil vitality, with special reference to post-war planning, Soil Water and Agronomic Productivity (Advances in Soil Science) Dynamics of Wheel-
Soil Systems: A Soil Stress and Deformation-Based Approach (Ground Vehicle Engineering) 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 Foodies Are Healing the Soil to Save the Planet Companion Planting: Companion Gardening - A Practical Guide For Beginners To Learn Everything About Companion Planting (Organic Gardening, Container Gardening, Vegetable Gardening) The Solid State: An Introduction to the Physics of Crystals for Students of Physics, Materials Science, and Engineering (Oxford Physics Series) Physics for Scientists and Engineers with Modern Physics: Volume II (3rd Edition) (Physics for Scientists & Engineers) Physics for Kids : Electricity and Magnetism - Physics 7th Grade | Children's Physics Books Six Ideas that Shaped Physics: Unit N - Laws of Physics are Universal (WCB Physics) Quantum Electrodynamics: Gribov Lectures on Theoretical Physics (Cambridge Monographs on Particle Physics, Nuclear Physics and Cosmology) Six Ideas That Shaped Physics: Unit R - Laws of Physics are Frame-Independent (WCB Physics)

[Contact Us](#)

[DMCA](#)

[Privacy](#)

[FAQ & Help](#)