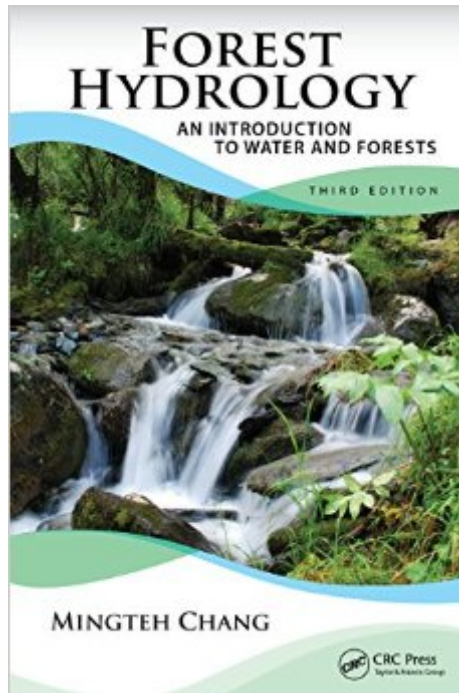


The book was found

Forest Hydrology: An Introduction To Water And Forests, Third Edition



Synopsis

Due to its height, density, and thickness of crown canopy; fluffy forest floor; large root system; and horizontal distribution; forest is the most distinguished type of vegetation on the earth. In the U.S., forests occupy about 30 percent of the total territory. Yet this 30 percent of land area produces about 60 percent of total surface runoff, the major water resource area of the country. Any human activity in forested areas will inevitably disturb forest floors and destroy forest canopies, consequently affecting the quantity, quality, and timing of water resources. Thoroughly updated and expanded, *Forest Hydrology: An Introduction to Water and Forests*, Third Edition discusses the concepts, principles, and processes of forest and forest activity impacts on the occurrence, distribution, and circulation of water and the aquatic environment. Brings water resources and forest-water relations into a single, comprehensive textbook Focuses on the concepts, processes, and general principles in forest hydrology Covers functions, properties, and science of water; water distribution; forests and precipitation, vaporization, stream flow, and stream sediment Discusses watershed management planning and practical applications of forest hydrology in resource management In a single textbook, *Forest Hydrology: An Introduction to Water and Forests*, Third Edition comprehensively covers water and water resources issues, forest characteristics relevant to the environment, forest impacts in the hydrological cycle, watershed research, watershed management planning, and hydrologic measurements. With the addition of new chapters, new issues, and appendices, this new edition is a valuable resource for upper-level undergraduates in forest hydrology courses as well as professionals involved in water resources management and decision-making in forested watersheds.

Book Information

File Size: 28283 KB

Print Length: 595 pages

Publisher: CRC Press; 3 edition (November 1, 2012)

Publication Date: November 1, 2012

Sold by:Â Digital Services LLC

Language: English

ASIN: B00AR3KCYE

Text-to-Speech: Not enabled

X-Ray: Not Enabled

Word Wise: Not Enabled

Lending: Not Enabled

Enhanced Typesetting: Not Enabled

Best Sellers Rank: #925,045 Paid in Kindle Store (See Top 100 Paid in Kindle Store) #43

inÂ Kindle Store > Kindle eBooks > Engineering & Transportation > Engineering > Civil >

Environmental > Hydrology #58 inÂ Kindle Store > Kindle eBooks > Nonfiction > Science >

Environment > Water Supply #59 inÂ Kindle Store > Kindle eBooks > Nonfiction > Science >

Nature & Ecology > Water Supply & Land Use

Customer Reviews

The discussions on forest hydrology contained in these chapters are quite comprehensive, making this one of the most thorough forest hydrology texts I have read. This makes this text an excellent resource for anyone interested in forest hydrology. It is thoroughly annotated, making it a great reference as well. The material in the last chapter, especially the section on the calculations involved in the Wagon Wheel Gap study is an excellent presentation. I know of no other textbook that includes these techniques with a worked example and discussion of the same data set. The material contained in the appendix is also quite useful. Overall, this book is one of the most comprehensive available, providing readers with a thorough knowledge of the subject and an understanding of management implications.

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

Forest Hydrology: An Introduction to Water and Forests, Third Edition Fruit Infused Water: 80 Vitamin Water Recipes for Weight Loss, Health and Detox Cleanse (Vitamin Water, Fruit Infused Water, Natural Herbal Remedies, Detox Diet, Liver Cleanse) Third Eye: Awakening Your Third Eye Chakra: Beginner's Guide (Third Eye, Third Eye Chakra, Third Eye Awakening, Chakras) Third Eye: Third Eye Activation Secrets (Third Eye Awakening, Pineal Gland, Third Eye Chakra, Open Third Eye) Ground and Surface Water Hydrology Hydrology for Engineers (McGraw-Hill Series in Water Resources & Environmental Engineering) Water Treatment WSO: Principles and Practices of Water Supply Operations Volume 1 (Water Supply Operations Series) Water Quality & Treatment: A Handbook on Drinking Water (Water Resources and Environmental Engineering Series) Fruit Infused Water: 101 Fruit Infused Water Recipes for Weight Loss, Detox and Metabolism Boosting Vitamin Water Water is Life: Different Sources of Water and Ways to Conserve Them (For Early Science Learners): Nature Book for Kids - Earth Sciences (Children's Water Books) The Wonders of Water - How H2O Can Transform Your Life: Vitality, Detox, Weight Loss, Quality Water, Benefits (Water Health, Vitality, Weight Loss, Fruit Infused Book 1) Solar PV Powered UV Water Treatment:

How to Solar Power UV Water Sterilizing Systems for Drinking Water Onsite Environmental Hydrology, Third Edition Physical Hydrology, Third Edition Survival How To Disappear Without a Trace, Find Food, Shelter and Water in Any Wilderness: (Survival Tactics, Survival Navigation) (Prepper Survival, How to Survive in The Forest) Four Years in British Columbia and Vancouver Island: an account of their forests, rivers,coasts,gold fields and resources for colonisation Empire of the Beetle: How Human Folly and a Tiny Bug Are Killing North America's Great Forests (David Suzuki Foundation Series) La Frontera: Forests and Ecological Conflict in Chileâ™s Frontier Territory (Radical Perspectives) Tropical Forests and Their Crops (Comstock Book) The Nature and Culture of Rattan: Reflections on Vanishing Life in the Forests of Southeast Asia

[Dmca](#)