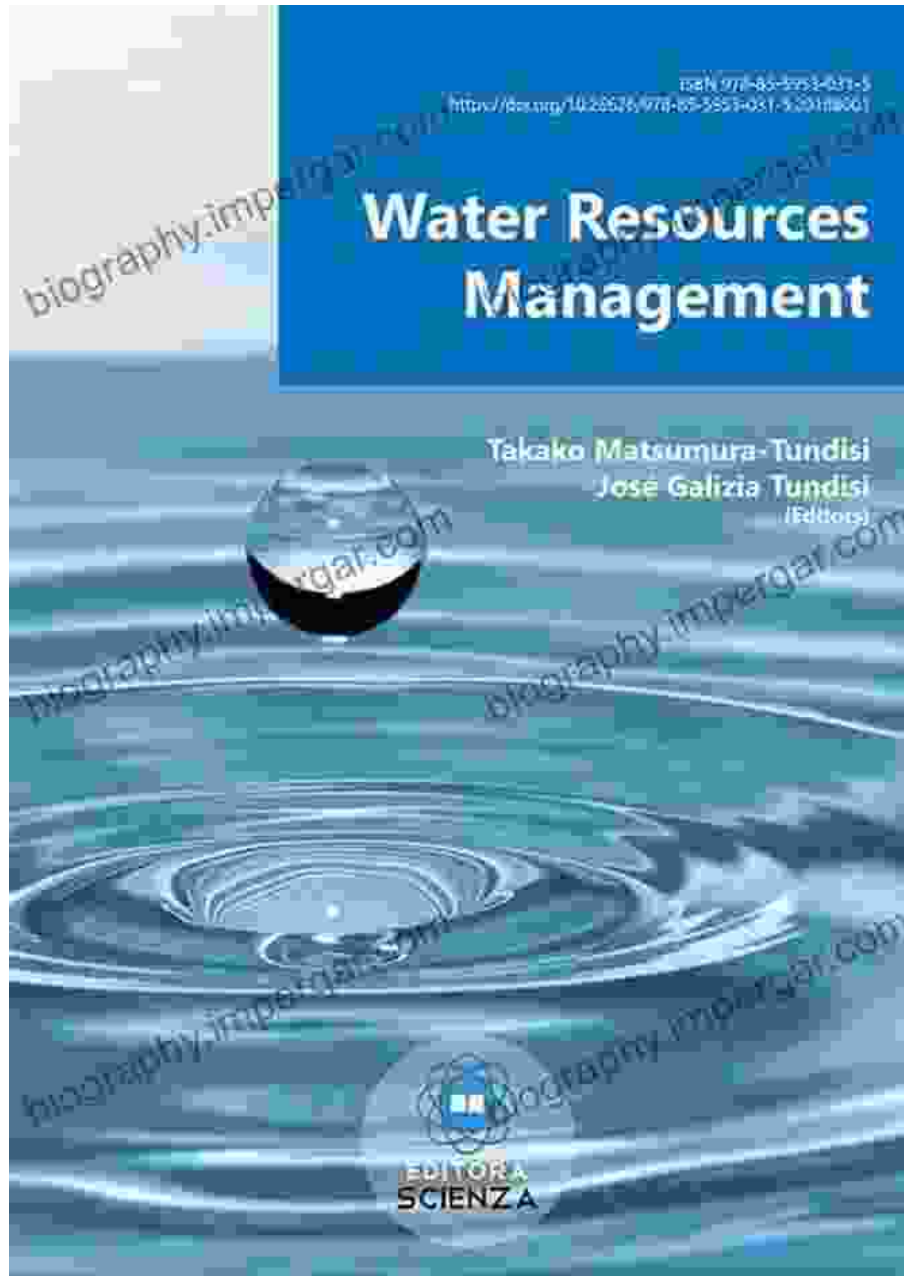


Ecohydrology: Vegetation Function, Water, and Resource Management

Advancing Our Understanding of the Critical Linkages Between Vegetation, Water, and Our Planet's Ecosystems





Ecohydrology: Vegetation Function, Water and Resource Management

by Anupam Rajak

★★★★☆ 4.6 out of 5

Language : English
File size : 8574 KB
Text-to-Speech : Enabled
Screen Reader : Supported
Enhanced typesetting : Enabled
Word Wise : Enabled
Print length : 360 pages



Ecohydrology: Vegetation Function, Water, and Resource

Management examines the fundamental ecological processes that govern the interactions between vegetation, water, and landforms. This book explores how vegetation influences water yield, quality, and timing, as well as how variations in water availability and quality affect vegetation growth, structure, and function.

With a focus on water resource management, this comprehensive guide provides insights into the role of vegetation in water conservation, water quality improvement, and flood control. It also examines the impacts of climate change on vegetation-water interactions, emphasizing the need for adaptive management strategies.

Ecohydrology: Vegetation Function, Water, and Resource

Management is a valuable resource for ecologists, hydrologists, environmental scientists, water resource managers, and policymakers involved in the sustainable management of water resources and ecosystems.

Key Features of the Book

- Provides a comprehensive overview of the field of ecohydrology, integrating insights from ecology, hydrology, and water resource management.
- Examines the physiological, ecological, and hydrological processes that govern vegetation-water interactions.
- Explores the role of vegetation in water conservation, water quality improvement, and flood control.
- Assesses the impacts of climate change on vegetation-water interactions and provides guidance for adaptive management strategies.
- Presents case studies and practical examples to illustrate the application of ecohydrological principles in water resource management.

Free Download Your Copy Today

Ecohydrology: Vegetation Function, Water, and Resource

Management is available in hardcover, softcover, and e-book formats. Free Download your copy today from your preferred bookseller or directly from the publisher.

: 978-1-108-48948-9

About the Authors

Dr. Steven W. Running is a Distinguished Professor of Forest Ecology at the University of Montana and a Senior Scientist at the NASA/USGS

Landsat Science Team. He is a world-renowned expert in ecohydrology and remote sensing.

Dr. Marion L. Reid is a Professor of Forest Hydrology at the University of Nevada, Reno. She is an internationally recognized expert in ecohydrology and water resource management.

Dr. Michael C. Thoms is an Adjunct Professor of Riverine Science at the University of New South Wales. He is a leading authority on river ecology and water resource management.



Ecohydrology: Vegetation Function, Water and Resource Management by Anupam Rajak

★★★★☆ 4.6 out of 5

Language : English
File size : 8574 KB
Text-to-Speech : Enabled
Screen Reader : Supported
Enhanced typesetting : Enabled
Word Wise : Enabled
Print length : 360 pages





Exploring Culture: Exercises, Stories, and Synthetic Cultures

Culture is a complex and multifaceted concept that shapes our lives in countless ways. It influences our beliefs, values, behaviors, and even our physical appearance. In...



Principles of ICD-10 Coding Workbook: Your Comprehensive Guide to Accurate and Efficient Medical Documentation

Empower Yourself with the Knowledge and Skills for Expert ICD-10 Coding In today's healthcare landscape, accurate and efficient medical coding is...