The book was found
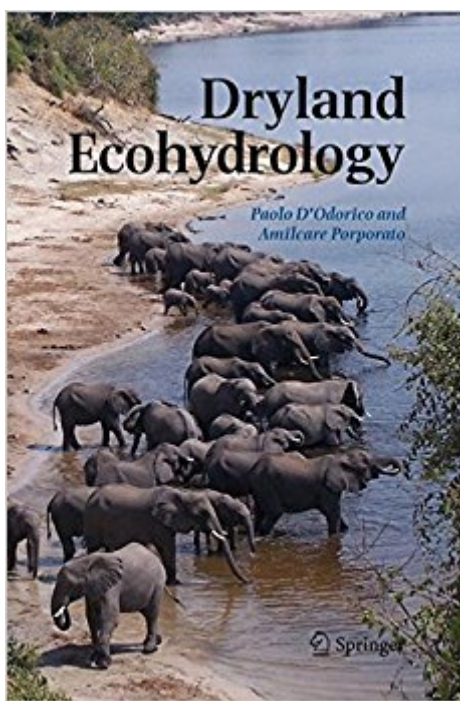
Dryland Ecohydrology

Synopsis

By combining the analysis of biotic and abiotic components of terrestrial ecosystems, this volume provides a synthesis of material on arid and semiarid landscapes, which is currently scattered in a number of books and journal articles. The focus on water-limited ecosystems is motivated by their high sensitivity to daily, seasonal, and decadal perturbations in water availability, and by the ecologic, climatic, and economic significance of most of the world's drylands. Conceived as a tool for scientists working in the area of the earth and environmental sciences, this book presents the basic principles of eco-hydrology as well as a broad spectrum of topics and advances in this research field. The chapters have been contributed by authors with different expertise, who work in several arid areas around the world. They describe the various interactions among the biological and physical dynamics in dryland ecosystems, starting from basic processes in the soil-vegetation-climate system, to landscape-scale hydrologic and geomorphic processes, ecohydrologic controls on soil nutrient dynamics, and multiscale analyses of disturbances and patterns.

Book Information

Paperback: 341 pages

Publisher: Springer; 2006 edition (October 10, 2008)

Language: English

ISBN-10: 1402042612

ISBN-13: 978-1402042614

Product Dimensions: 6.1 x 0.8 x 9.2 inches

Shipping Weight: 1.4 pounds (View shipping rates and policies)

Average Customer Review: 5.0 out of 5 stars See all reviews (1 customer review)

Best Sellers Rank: #931,772 in Books (See Top 100 in Books)   #120 in Books > Science & Math > Nature & Ecology > Lakes & Ponds   #197 in Books > Engineering & Transportation > Engineering > Civil & Environmental > Hydrology   #438 in Books > Science & Math > Reference

Customer Reviews

Precise and to the point on a wide variety of subjects within ecohydrology. Great references within.

Dryland Ecohydrology