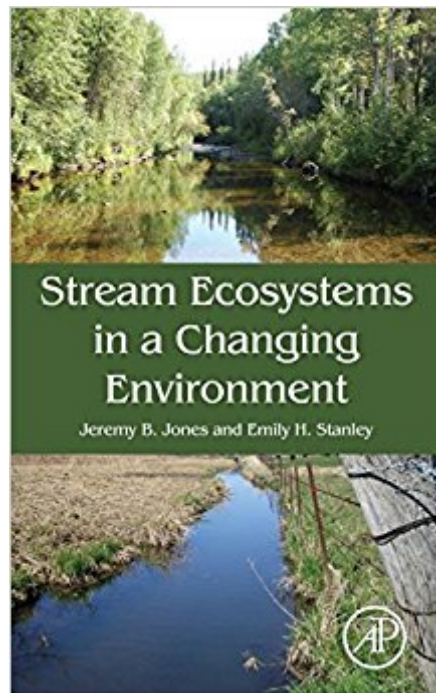


The book was found

Stream Ecosystems In A Changing Environment



Synopsis

Stream Ecosystems in a Changing Environment synthesizes the current understanding of stream ecosystem ecology, emphasizing nutrient cycling and carbon dynamics, and providing a forward-looking perspective regarding the response of stream ecosystems to environmental change. Each chapter includes a section focusing on anticipated and ongoing dynamics in stream ecosystems in a changing environment, along with hypotheses regarding controls on stream ecosystem functioning. The book, with its innovative sections, provides a bridge between papers published in peer-reviewed scientific journals and the findings of researchers in new areas of study. Presents a forward-looking perspective regarding the response of stream ecosystems to environmental change Provides a synthesis of the latest findings on stream ecosystems ecology in one concise volume Includes thought exercises and discussion activities throughout, providing valuable tools for learning Offers conceptual models and hypotheses to stimulate conversation and advance research

Book Information

Hardcover: 548 pages

Publisher: Academic Press; 1 edition (August 4, 2016)

Language: English

ISBN-10: 0124058906

ISBN-13: 978-0124058903

Product Dimensions: 6 x 1.2 x 9 inches

Shipping Weight: 2.3 pounds (View shipping rates and policies)

Average Customer Review: Be the first to review this item

Best Sellers Rank: #1,840,476 in Books (See Top 100 in Books) #86 in [Books > Science & Math > Earth Sciences > Geology > Limnology](#) #735 in [Books > Science & Math > Biological Sciences > Biology > Marine Biology](#) #1337 in [Books > Textbooks > Science & Mathematics > Biology & Life Sciences > Ecology](#)

Customer Reviews

Jeremy B. Jones, Jr. studies land-water interactions, how processes occurring in terrestrial ecosystems impacts the movement of carbon and nutrients into streams, and how nutrients are used within stream ecosystems. His research has a particular focus in northern environments where climate change is thawing permafrost resulting in the release of carbon and nutrients from previously frozen soils, and altering the hydrologic connections between watersheds and streams. A

central theme to this research is coupling between climate change, watershed and stream hydrology, and ecology. Emily H. Stanley studies the dynamics of carbon, nitrogen, and phosphorous in streams and rivers and how these nutrients are affected by human activities. These research interests have led her to investigate the physical and ecological effects of degradation caused by development of land and water resources as well as the effects of stream restoration. Many of the recent activities with her students and collaborators have focused on issues of excess nitrogen in agricultural landscapes, and on the effects of dam removals and other restoration projects in Midwestern US watersheds. A central theme of much of this research is the interaction between ecology, geomorphology, and hydrology in aquatic environments.

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

Stream Ecosystems in a Changing Environment How to Watch and Stream on Apple TV for Free: The latest and best method to watch and stream on Apple TV 4th Gen and other versions in less than 15 minutes (free streaming devices tutorial & TV Guide) Field & Stream's Guide to Catching Bass (Field & Stream's Guide to the Outdoors) Resilience Thinking: Sustaining Ecosystems and People in a Changing World Wiley CPAexcel Exam Review April 2017 Study Guide: Business Environment and Concepts (Wiley Cpa Exam Review Business Environment & Concepts) Wiley CPAexcel Exam Review 2015 Study Guide (January): Business Environment and Concepts (Wiley Cpa Exam Review Business Environment & Concepts) Wiley CPAexcel Exam Review 2016 Study Guide January: Business Environment and Concepts (Wiley Cpa Exam Review Business Environment & Concepts) Wiley CPAexcel Exam Review 2015 Study Guide July: Business Environment and Concepts (Wiley Cpa Exam Review Business Environment & Concepts) Renewable Energy Sources - Wind, Solar and Hydro Energy Edition : Environment Books for Kids | Children's Environment Books Brooks/Cole Empowerment Series: Human Behavior in the Social Environment (SW 327 Human Behavior and the Social Environment) Rural Health Care: Innovation in a Changing Environment Home Care Nursing: Surviving In An Ever-changing Care Environment Leadership and the Advanced Practice Nurse: The Future of a Changing Healthcare Environment Working in Mental Health: Practice and Policy in a Changing Environment Changing Bodies, Changing Lives: Expanded Third Edition: A Book for Teens on Sex and Relationships Loose-leaf Version for Microeconomics: Principles for a Changing World 4E & LaunchPad for Chiang's Microeconomics: Principles for a Changing World 4E (Six Months Access) Changing Poverty, Changing Policies (Institute for Research on Poverty Series on Poverty and Public Policy) Changing Poverty, Changing Policies The Episcopal Way: Church's Teachings for a Changing World Series: Volume 1 (Church Teachings for Changing the World) A Positive Attitude is Everything: Tips

to Becoming More Positive and Feeling Better Every Day (Changing Your Attitude, Find Your Purpose, Life-Changing Attitudes, Choose Your Attitude)

[Contact Us](#)

[DMCA](#)

[Privacy](#)

[FAQ & Help](#)