



Water

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Special Issue Reprint

Ecohydrology in the Context of Climate Change

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The reprint titled “Ecohydrology in the Context of Climate Change: Strategies for Management, Monitoring, and Modeling” focuses on the latest research on ecohydrological processes and water balance, climate change and ecosystem responses, carbon storage and nutrient transfer, and sustainable solutions. Research topics include the understanding of the role of hydroecological services; water and soil resource management; ecohydrology solutions; climate change impacts on the hydrological cycle; effects of hydrology on soil erosion; ecosystem sensitivity to extreme events such as drought and flood; mathematical modeling aspects; urban ecohydrology; water quality assessment; and strategies for management, monitoring and modeling. This reprint collection of research-intensive contributions underscores the imperative of integrating monitoring technologies, modeling architectures, and policy-responsive governance strategies within ecohydrological systems research.

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