Special Issue

Forest Ecohydrology: From Theory to Practice

Message from the Guest Editors

The newly emerging field of forest ecohydrology aims to understand, quantify and utilize complex forest–water interactions. The dynamic responses of forest ecosystems to water availability and other factors are slow and often delayed, and therefore less studied. Moreover, scale-dependent and site-specific forest–water interactions must be interpreted by the combined ecological and hydrological process response to influencing factors and management schemes. This is vitally important for the development of forest ecohydrology. this Special Issue welcomes studies presenting new knowledge, innovative methods and models of forest ecohydrology. This includes: 1) the responses of structural dynamics and the spatial patterns of forests to water-related and other factors; 2) the mechanism and scale effect of forest hydrological impacts; 3) the coupling of forest eco- and hydrological processes and modelling; 4) application cases of forest ecohydrology in forest management for desired ecosystem services. Original research and reviews targeted at the understanding, quantification and utilization of forest–water interactions at various scales are particularly encouraged.

Guest Editors

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Deadline for manuscript submissions

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Forests (ISSN 1999-4907) is an international and cross-disciplinary, scholarly forestry journal. The distinguished editorial board and refereeing process ensures the highest degree of scientific rigor and review of all published articles. Original research articles and timely reviews are released online, with unlimited free access. Our goal is to have *Forests* be recognized as one of the foremost publication outlets for high quality, leading edge research in this broad and diverse field. We therefore invite you to be one of our authors, and in doing so share your important research findings with the global forestry community.

Editor-in-Chief

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