



Water and Nutrient Balance, Flow/Loading Dynamics in Forest System

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Message from the Guest Editors

Dear Colleagues,

Forests are an integral component of the landscape, and maintaining their functional integrity is fundamental for the sustainability of ecosystems and societies alike. Forests play an important role in regulating the regional, continental, and global hydrologic and nutrient cycles and patterns. Forests in headwaters, as well as downstream riparian systems, affect net ecosystem water balance, carbon sequestration, and greenhouse gas emissions, mitigating and being modified by climate change. Anthropogenic and natural disturbances to forest ecosystems may alter water and nutrient balances in ways that affect biodiversity, water quality, and human health as well as the global climate. Fossil fuel reduction efforts may drive cellulosic-based bioenergy crop production in managed forests, altering water and nutrient balance as well as biodiversity, but only a limited information is available in the literature. [...]

For further reading, please follow the link to the Special Issue Website at:

http://www.mdpi.com/journal/water/special_issues/Nutrient_Dynamics_Forest





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Message from the Editor-in-Chief

The relevance of water in human development and sustaining life, fuels general and scholarly interest in the world's water resources. A better understanding of all aspects of water and its relation to food supply, energy production, human health, and the functioning of ecosystems is key in managing this precious resource in a sustainable, efficient and equitable manner. *Water* invites authors to provide innovative original full articles, critical reviews and timely short communications. We ensure a critical review process and a quick turnaround between submission and final decision.

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