Special Issue

Non-point Source Pollution across Headwater Catchments to Large River Networks

Message from the Guest Editors

Surface water pollution of nutrients and eutrophication are one of prominent environmental issues in China and around the world. Non-point source is a fundamental source of pollution, and quantitative research on non-point source pollution is of significance in the effective management of water quality. Various factors, including nutrient budgets, land use and climate change, cropping system changes, mining, and fertilizer manufactures have been recognized to play important roles in nonpoint source pollution. However, technically quantifying nonpoint pollutants entering receiving waters (including streams, rivers, lakes, reservoirs, estuaries, etc) from terrestrial ecosystems is particularly difficult because of the heterogeneous characteristics of watersheds across different scales, from headwater catchments to large river networks. This Special Issue aims to study nonpoint source pollution of watersheds across various scales—from headwater catchments to large river networks, and from mountainous areas to coastal watersheds with stressing in situ observations and modeling.

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In the context of global changes, the sustainable management of water cycles, going from global and regional water cycles to urban, industrial and agricultural water cycles, plays a very important role on the water resources and on their relationships with food, energy, biodiversity, ecosystem functioning and human health. *Water* invites authors to provide innovative original full articles, critical reviews and timely short communications and to propose special issues devoted to new technological and scientific domains and to interdisciplinary approaches of the water cycles. We ensure a critical review process and a quick turnaround between submission and final decision.

Editor-in-Chief

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