Special Issue

Nitrogen and Phosphorus in Surface- and Ground-Water: Sources, Mechanisms, Processes, and Pathways

Message from the Guest Editors

This Special Issue aims to invite contributions that explore the sources, processes, mechanisms, and pathways of nitrogen and phosphorus losses from land to surface- and ground-water. Example topics of interest include, but are not limited to:

- Fate and transport of nitrogen and phosphorus in landscapes perturbed by anthropogenic activities (agriculture, urbanization, deforestation, mining, etc.);
- Tracking sources of nitrogen and phosphorus in water bodies using isotopes and other techniques;
- Unraveling mechanistic processes driving nitrogen and phosphorus release and transport from land to water;
- Pathways (leaching, runoff, sub-surface) of nitrogen and phosphorus loss from landscapes to water bodies;
- Biogeochemistry of nitrogen and phosphorus in the soil–plant–water–atmosphere continuum.

For further reading, please follow the link to the Special Issue Website at:
https://www.mdpi.com/journal/water/special_issues/nitrogen_phosphorus

Guest Editors

Prof. Dr. Gurpal S. Toor

Department of Environmental Science and Technology, University of Maryland, College Park, MD 20742, USA

Prof. Dr. Zhi Li

College of Natural Resources and Environment, Northwest Agriculture and Forestry University, Yangling 712100, China

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Water
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
water@mdpi.com

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Message from the Editor-in-Chief

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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Centre de Recherche sur la Biodiversité l'Environnement (CRBE) UMR CNRS/UPS/INPT/IRD, Centre National de la Recherche Scientifique (CNRS), University of Toulouse, Campus ENSAT, Auzeville Tolosane, Toulouse, France

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