Special Issue

Transformation of Dissolved Organic Matter in Aquatic Landscapes

Message from the Guest Editors

Dissolved organic matter (DOM) is a heterogeneous mixture of organic compounds varying in size and chemical structure that originate from a high diversity of sources, such as soil organic matter, terrestrial and aquatic plants, phytoplankton, bacteria, and fungi. DOM is not only transported in aquatic ecosystems but also subjected to transformation through processes such as flocculation, bio- and photodegradation that interact together and determine the biogeochemical and ecological functioning of aquatic ecosystems from local to global scales. This Special Issue welcomes contributions from field, experimental, and modeling studies that address the controls on DOM transformation along spatial and temporal dimensions and help to reshape the thinking of DOM reactivity in aquatic ecosystems. For further reading, please visit the **Special Issue Website**.

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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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