

## Dissolved Organic Matter Dynamics in Groundwater, Rivers, and Lakes

Guest Editors:

**Dr. Oliver J. Lechtenfeld**

Department of Analytical  
Chemistry—Research Group  
BioGeoOmics, Helmholtz Centre  
for Environmental Research—  
UFZ, Leipzig, Germany

**Dr. Peter Herzsprung**

Department of Lake Research,  
Helmholtz Centre for  
Environmental Research—UFZ,  
Magdeburg, Germany

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### Message from the Guest Editors

Natural organic matter is an inherent constituent of the limnosphere. In its dissolved form, it connects large soil carbon stocks with the highly dynamic aqueous compartments of groundwater, streams, rivers, and lakes. In the aqueous phase, a plethora of microbial and chemical processes then alter the amount, composition, and reactivity of dissolved organic matter (DOM).

This Special Issue seeks to address the dynamic nature of DOM, i.e., processes that lead to and change its molecular and structural compositions and determine its mobilization, turnover, and future significance for regional water quality and the global carbon cycle.

We invite interdisciplinary contributions from researchers studying the dynamics of dissolved organic carbon/matter in groundwater, streams, rivers, and lakes around the globe. Contributions may deal with but are not limited to mechanistic field or laboratory studies, novel methods for the molecular characterization of DOM, quantitative and qualitative assessments of DOM sources, or data-driven and predictive modeling of DOM concentration, export, and turnover in catchments.





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## Editor-in-Chief

### Dr. Jean-Luc PROBST

Laboratory of Functional Ecology and Environment, Centre National de la Recherche Scientifique (CNRS), University of Toulouse, Campus ENSAT, Auzeville Tolosane, France

## Message from the Editor-in-Chief

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Water Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland

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