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Geochemistry of Water and Sediment III

Guest Editors:

Dr. Stanislav Frančišković-Bilinski

Institute for Marine and
Environmental Research, Ruđer
Bošković Institute, P.O. Box 180,
10002 Zagreb, Croatia

Dr. Sanja Sakan

Centre of Excellence in
Environmental Chemistry and
Engineering – ICTM, University of
Belgrade, Njegoševa 12, 11158
Belgrade, Serbia

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Message from the Guest Editors

Dear Colleagues,

Access to drinking water is one of the largest problems of modern times, and water pollution is a growing problem worldwide. Sediment may act as a sink for a huge number of toxic substances and should therefore be investigated in addition to water, as it contains a record of the previous pollution. The chemical composition of sediment is informative, both in investigations of mineral resources of a particular region for mining purposes and in tracing contamination from different sources (sewage, industry, etc.).

Pollution affects all sources of drinking water—ground, spring, river, and lake. The interaction of water and sediment is of special importance, as sediment can also release heavy metals and act as a source of pollution. Application and development of existing and new analytical methods are also very important aspects.

The purpose of [this Special Issue](#), the third related to this theme, is to publish original, high-quality research papers, as well as review articles, addressing recent advances in water and aquatic sediment research, new methods and developments in monitoring, as well as legislative development.



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Special Issue



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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

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.

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Contact Us

Water Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
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