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Fate, Transport, Removal and Modeling of Pollutants in Water

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Message from the Guest Editor

The scope of discussion of this Special Issue includes, but is not limited to, understanding the fate, transport, removal and modeling of traditional and emerging pollutants in water.

Natural and anthropogenic factors can lead to the reduction in clean drinking water supplies. On the other hand, the overexploitation of natural resources, the use of pesticides, the presence of chlorinated solvents, the lack of new regulations to address emerging pollutants, processes that are not sustainable for the environment and the lack of or incomplete life cycle analysis are examples of serious human-made threats for us.

At this point, it is relevant to identify, understand and re-evaluate several of the important environmental effects of water pollutants on humans and ecosystems. In addition to developing recommendations, regulations and appropriate methodologies are required to identify, track and remediate concentrations of pollutants in water. This Special Issue will update the state of the art and partially fill the knowledge gap on these contaminants in water.

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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.

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