Special Issue

Biogeochemical Processes in the Aquatic Environment

Message from the Guest Editor

Biogeochemical cycling not only involves the reservoirs that store elements, but also the fluxes between them and the physical, chemical, and biological factors that govern them. This has important implications for research in this field. Furthermore, numerous feedback mechanisms connect the cycles of several elements, including carbon, nitrogen, phosphorus, and sulfur. In the biosphere, environmental forces are responsible for various changes in the composition of the biosphere and in the elemental fluxes on all timescales. An improved understanding of the underlying processes is essential to understanding how carbon and nutrients move through the atmosphere, land, and oceans. Climate change and the increasing anthropogenic nutrient release further increase the importance of this. Microbes in the oceans contribute significantly to the global nutrient cycle, making up approximately half of the world's primary production. [...] For further reading, please follow the link to the Special Issue Website at: https://www.mdpi.com/journal/water/special_issues/96D84FIMYG

Guest Editor

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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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