Special Issue

Mercury Cycling in Aquatic Systems: Sources, Fluxes, Transformations, and Influences

Message from the Guest Editor

Mercury (Hg) remains a challenging, persistent, global pollutant. It is of paramount concern, especially in aquatic systems, since it is transformed into neurotoxins such as methylated Hg, i.e., methyl mercury (CH3Hg(II)+) and dimethyl mercury ((CH3)2Hg(II)), mainly by aquatic microbes, thus entering the aquatic food chain. This Special Issue (SI) of *Water* on mercury intends to provide a platform to collect showcases and snapshots of the latest Hg research focused on aquatic Hg cycling in a broad spectrum embracing various perspectives, including sources, fluxes at water/air, water/soil, or water/sediment interfaces, transformations, biogeochemical cycles, Hg in fishes and aquatic birds, toxicology, risk assessment, influences on aquatic ecology or human society, environmental Hg modeling, Hg remediation, and many other pressing or persistent issues. Moreover, research on Zn and Cd in the triad of Zn-Cd-Hg of the periodic table may also be of particular interest in this SI as the research on Zn and Cd can offer engaging, inspiring insights into the Hg research from a comparative perspective.

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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