



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

Guest Editor:

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### Message from the Guest Editor

Dear Colleagues,

Mercury (Hg) remains a challenging, persistent, global pollutant. It is of paramount concern, especially in aquatic systems, since it is transformed into neuro-toxins such as methylated Hg, i.e., methyl mercury ( $\text{CH}_3\text{Hg}(\text{II})^+$ ) and dimethyl mercury ( $(\text{CH}_3)_2\text{Hg}(\text{II})$ ), 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.





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## Message from the Editor-in-Chief

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