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Current Research of Persistent Organic Pollutants in Water, Sediments and Soil

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Message from the Guest Editors

Dear Colleagues,

Persistent organic compounds are a kind of special pollutants existing in nature. Many studies have shown that soil, river, and lake sediments are natural reservoirs of POPs in the environment. Single detection methods and remediation methods do not achieve the expected results, so innovative research is urgently needed to develop methods with higher detection efficiency and better remediation results. Overall, the aim of this Special Issue is to bring together original research and review articles that discuss the study of Persistent Organic Pollutants in Sediments and Soil, as well as to share new progress.

Potential topics include but are not limited to the following: New strategies to improve the remediation of POPs in sediments and soils; Develop POPs detection techniques with wider applicability, lower detection limits and higher sensitivity; Study the optimal removal methods for different types of POPs; Explore the synergistic effects between different treatment methods; Mechanisms of transport and transformation of POPs in sediments and soils.



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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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