Special Issue

Persistent Organic Pollutants: The Trade-Off between Potential Risks and Sustainable Remediation Methods

Message from the Guest Editor

Persistent organic pollutants (POPs), such as organochlorine pesticides, polychlorinated biphenyls, polycyclic aromatic hydrocar are now widely distributed in the environmental matrices and generally impose great risks on ecological systems and human health due. The development of sustainable remediation methods are of concern for scientific community. The Special Issue is an international forum that would contribute to the accurate evaluation of environmental risks based on toxicological insights and the application of remediation methods, including advanced oxidation-reduction process, biological process and cleaner technologies for sustainable removal of POPs. Research areas include, but are not limited to:

- Traditionally defined or emerging persistent organic pollutants⊠
- Environmental hazards of POPs in aquatic and terrestrial systems⊠
- Bioavailability and biological effect of POPs
- Development of sustainable remediation methods or materials
- Degradation or biotransformation mechanism
- New strategies for reuse and recycling process
- Relationship between the classification of environmental risks and the choice of remediation methods.

Guest Editor

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Deadline for manuscript submissions

closed (31 July 2023)



Sustainability

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Impact Factor 3.3 CiteScore 7.7



mdpi.com/si/102986

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I encourage you to contribute a research or comprehensive review article for consideration for publication in Sustainability, an international open access journal which provides an advanced forum for research findings in areas related to sustainability and sustainable development. The journal publishes original research articles, reviews, conference proceedings (peer reviewed full articles) and communications. I am confident you will find the journal contributes to enhancing understanding of sustainability and fostering initiatives and applications of sustainability-based measures and activities.

Editor-in-Chief

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