

## 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 hydrocarbons 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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