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Advances in Environmental Effects, Fate and Remediation of Organic Pollutants

Guest Editor:

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Deadline for manuscript submissions:
20 July 2024

Message from the Guest Editor

For this Special Issue, we are especially interested in contributions of original research and review articles on the fate, effects, and remediation of:

- Nanoplastics, microplastics, or bioplastics;
- Pharmaceuticals or personal care products;
- Antimicrobial-resistant microorganisms;
- Synthetic herbicides;
- Neonicotinoid insecticides;
- RNA interference pesticides;
- Per- and polyfluoroalkyl substances;
- Brominated flame retardants;
- Petroleum biomarkers;
- Other emerging contaminants.

We are also interested in:

- Advances in recycling, upcycling, or bioremediation of organic materials;
- Characterization of global impact of plastic wastes;
- Use of biochars for enhancing the cleanup of pollutants;
- Potential for biochars to function as pollutants (e.g., free radicals in biochars);
- Microbial electrochemical technology (MET) for bioremediation;
- Spatially resolved environmental fate models;
- Potential linkages between global climate change and pollution (air, water, soil);
- Case studies in environmental remediation.

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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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