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## Marine Pollutants: Biological and Abiotic Degradation Mechanisms

Guest Editors:

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Deadline for manuscript  
submissions:  
**closed (28 March 2023)**

### Message from the Guest Editors

Dear Colleagues,

The occurrence, fates and risks of pollutants have become an issue of concern due to their enhanced distribution in marine environments and their impacts on the marine ecosystem; these pollutants include persistent organic pollutants (POPs), heavy metals, emerging pollutants and marine biotoxins. Biological and abiotic degradation are the major sinks of marine pollutants, driving their fates and ecological risks in marine environments. Within the biotic degradation processes, marine pollutants may be susceptible to degradation by enzymes produced by bacteria, fungi, algae, and even macrobiota, whereas the abiotic degradation processes may be associated with hydrolysis and photolysis processes. In the natural marine environment, biotic and abiotic factors exist together and may exhibit a combined degradation mechanism.

Special Issue aims to publish papers describing the most recent scientific advancements in the biotic and abiotic degradation processes of marine pollutants, as well as the characterization of the underlying mechanisms.

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Dr. Tiantian Chen  
Dr. Chunjie Wang  
Dr. Junfeng Chen  
Dr. Xinxin Zhang  
Guest Editors



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# Special Issue



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## Message from the Editor-in-Chief

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