

Special Issue

Marine Chemistry and Marine Pollution Research for Sustainable Oceans

Message from the Guest Editor

The ocean contains many chemical elements (e.g., C, N, P, O, S, and trace metals). They are vital in global biogeochemical cycles that determine environmental quality and ecological functioning within and beyond the ocean. Marine chemistry is increasingly subject to human pollution. Land–ocean fluxes of nutrients, heavy metals, persistent organic pollutants, and emerging pollutants (e.g., microplastics and antibiotics) also deteriorate the marine environment, with unfavorable consequences for marine ecosystems and human health. Therefore, studying the distribution, flux, fate, mechanisms, and environmental/ecological effects of chemical elements and natural/anthropogenic compounds in the marine environment is imperative to ensure sustainable development. For this Special Issue, we encourage original research articles and reviews highlighting diverse advances in marine chemistry and marine pollution, including, but not limited to, the biogeochemistry of chemicals in diverse marine environments and the environmental and ecological effects of both natural and anthropogenic chemicals.

Guest Editor

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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

Prof. Dr. Steve W. Lyon

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