

Special Issue

Microplastic Pollution in the Ocean

Message from the Guest Editors

Plastics began to enter the ocean in increasing quantities in the 1950s from a wide variety of land- and sea-based sources. Reports of floating plastic microdebris in the North Atlantic, North Pacific, Bering Sea and Japan Sea were first published in the scientific literature in 1970s–1980s. Unfortunately, however, the topic was largely ignored by the scientific community for many years. The purpose of the Special issue is to publish the most exciting research with respect to the above subject and to give a rapid tool for the free publication and dissemination of the articles for research, teaching, and reference purposes. In particular, the following topics are suggested: innovative methods for the characterization and quantification of microplastics in water bodies; impact on the biosphere; methods for their elimination or for reducing their harmfulness; search for natural biodegradable materials that can replace the use of plastics. **Keywords** Microplastic in oceans; Key sources identification; Fate and effects; Environmental impact and human health; Behavior and modeling; Analytical techniques; Case studies; Accumulation preventing and minimization

Guest Editors

Prof. Dr. Michele Arienzo

Department of Earth Sciences, Environment and Resources, University of Naples Federico II, Via Cintia 21, 80126 Naples, Italy

Prof. Dr. Luciano Ferrara

Department of Chemical Sciences, University of Naples Federico II, Via Vicinale Cupa Cintia 21, 80126 Naples, Italy

Deadline for manuscript submissions

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MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
jmse@mdpi.com

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About the Journal

Message from the Editor-in-Chief

The *Journal of Marine Science and Engineering (JMSE, ISSN 2077-1312)* is an international peer-reviewed open access journal which provides an advanced forum for studies related to marine science and engineering. The journal aims to provide scholarly research on a range of topics, including ocean engineering, chemical oceanography, physical oceanography, marine biology and marine geosciences. We invite you to publish in our journal sharing your important research findings with the global ocean community.

Editor-in-Chief

Prof. Dr. Charitha Pattiaratchi

Oceans Graduate School and The UWA Oceans Institute, The University of Western Australia, Perth, WA 6009, Australia

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