

Special Issue

Transport, Distribution and Composition of Floating Macro and Micro-Litter in the Marine Environment

Message from the Guest Editor

The increasing global production and use of plastic materials has led to enormous amounts of plastic debris accumulation in the world's oceans. Characteristics such as low density, good mechanical properties, and low cost allow for the successful use of plastics in industries and everyday life. However, its high durability leads to the persistence of synthetic polymers in the marine environment, where they can cause harm to a great variety of organisms. This Special Issue welcomes studies and reviews papers on different aspects related to plastic pollution in the marine environment: studies dealing with sources, sinks, residence times, and accumulation patterns of floating macro- and micro-litter in the marine environment, as well as papers dealing with the main factors driving the occurrence, abundance, distribution, and composition of floating litter in the marine environment are welcome. Similarly, submissions of papers dealing with remote sensing, ocean modeling, deep-sea exploration, and developing innovative and low-cost sensors and methodologies to study the abundance of floating macro and microplastics in the marine environment are also encouraged.

Guest Editor

Dr. Giuseppe Suaria

CNR-ISMAR, Istituto di Scienze Marine, Consiglio Nazionale delle Ricerche, 19032 Lerici, Italy

Deadline for manuscript submissions

closed (20 June 2025)



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Environments
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
environments@mdpi.com

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About the Journal

Message from the Editor-in-Chief

Environmental issues are quickly becoming central political, economic and academic topics of the twenty-first century. A large number of modern challenges are directly or indirectly caused by complex interactions between environmental issues. Such issues require interdisciplinary research, knowledge and insights to understand and, ultimately, for solutions to be found. Through the journal *Environments*, we strive to create a platform for meaningful discourse by accepting contributions from a wide range of fields. We sincerely hope you will consider publishing your distinguished work in this highly-accessible, peer-reviewed journal.

Editor-in-Chief

Prof. Dr. Sergio Ulgiati

1. Department of Science and Technology, Parthenope University of Naples, Centro Direzionale, Isola C4, 80143 Napoli, Italy

2. School of Environment, State Key Joint Laboratory of Environment Simulation and Pollution Control, Beijing Normal University, No. 19 Xijiekouwai Street, Beijing 100875, China

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