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Plastic Contamination: Challenges and Solutions

Guest Editors:

Dr. Teresa A. P. Rocha-Santos
Centre for Environmental and Marine Studies (CESAM) & Department of Chemistry, University of Aveiro, 3810-193 Aveiro, Portugal

Dr. Joana C. Prata
Centre for Environmental and Marine Studies (CESAM) & Department of Chemistry, University of Aveiro, 3810-193 Aveiro, Portugal

Deadline for manuscript submissions:
closed (31 December 2021)

Message from the Guest Editors

Plastics are popular synthetic materials due to their advantageous properties, which have led to their increased use in multiple applications. Either in larger or smaller sizes, plastics are continuously released to the environment. For this reason, plastics now contaminate virtually every ecosystem on the planet. The accumulation of plastics can have negative effects on organisms and ecosystems. Most of this contamination originates from an unsustainable use and management of plastics.

The Issue welcomes work responding to the following subject areas: (i) strategies or technologies to improve the production, use, and waste management of plastics; (ii) analytical methods for the assessment of plastics; (iii) concentrations and characteristics of plastics in the environment; (iv) ecotoxicological or abiotic effects of plastics; (v) the role of plastics as vectors of contaminants and pathogens. This Special Issue also welcomes contributions regarding changes in plastics policies, consumption, incorrect disposal, and waste management during the COVID-19 pandemic.

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

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.

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Contact Us

Environments Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
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mdpi.com/journal/environments
environments@mdpi.com
𝕏@Environ_MDPI