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Environmental Exposure to Microplastics: Effects on Animals and Human Health

Guest Editor:

Dr. Lei Su

SHOU-College of Marine Ecology
and Environment, Shanghai
Ocean University, Shanghai
201306, China

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Message from the Guest Editor

The study of microplastics and its related issues has slowly gained traction in the field of environmental science over the past 20 years. Several resources have been devoted to measuring the amount of microplastics in various media. Its widespread use has led to serious concern regarding the effects that they may have on human health and the environment. Yet, it is still unclear how hazardous and dangerous microplastics and nanoplastics are in actual ecosystems. In addition, the experimental evidence based on animals is not sufficient to support any models. We invite contributions that cover all aspects of the topic, resulting from the exposure of microplastics and nanoplastics on animals and humans. The endpoints comprise all conceivable direct and indirect effects. Indeed, observations can be made based on transportation and excretion, subcellular impacts, and biomarker responses. The scope also includes the sorption, desorption, leaching, and toxicity of the related substances. Further, a useful contribution to the special topic may originate from a meta analysis based on the present datasets.



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Special Issue



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Editor-in-Chief

Dr. Demetrio Raldúa

Department Environmental
Chemistry, IDAEA-CSIC, Jordi
Girona 18, 08034 Barcelona,
Spain

Message from the Editor-in-Chief

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Contact Us

Toxics Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
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