



Micro- and Nanoplastics in Aquatic Environments: Effects on Animal Health and Human Food Safety

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Message from the Guest Editors

Dear Colleagues,

A world without plastics seems unimaginable today. However, at the same time that plastics make people's lives easier, they also pose a threat to many forms of wildlife. Despite studies conducted in recent years, the effects of micro- and nanoplastics on animal, ecosystem, and human health are still far from being completely understood.

The aim of this Special Issue is to explore the latest research on micro- and nanoplastics, including but not limited to the following topics: i) short- and long-term effects of micro- and nanoplastics on aquatic organisms; ii) the impact of ingested micro- and nanoplastics, leached plastic additives, and adsorbed pollutants on biota; iii) the potential for biomagnification of micro- and nanoplastic-associated chemicals; iv) the toxicological interactions between micro- and nanoplastics and other environmental stressors; v) the assessment of the levels of microplastics and associated contaminants in wild populations (including commercial species) and the effects of these particles on human food safety and security.

Dr. Luís Gabriel A. Barboza

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Guest Editors





Editor-in-Chief

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Message from the Editor-in-Chief

Animals is an online open access journal that was first published in 2011. *Animals* adheres to rigorous peer review and editorial processes and publishes only high quality manuscripts that address important issues in the many varied disciplines that involve animals, with a focus on animal welfare, animal ethics and animal science. *Animals* is covered in the Science Citation Index Expanded (SCIE) in Web of Science and received the latest Impact Factor of 2.323. The journal ranks 14/142 (Q1) 'Veterinary Sciences' and 10/63 (Q1) in 'Agriculture, Dairy & Animal Science'

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