

Special Issue

The Effects of Environmental Pollutants on Aquatic Organisms

Message from the Guest Editors

Aquatic ecosystems are under increasing threat from a wide array of environmental pollutants stemming from anthropogenic activities, such as industrial discharges, agricultural runoff, urban wastewater, and atmospheric deposition. These contaminants include heavy metals, nitrogen- and phosphorus-based compounds, pharmaceuticals, microplastics, and emerging pollutants like endocrine-disrupting chemicals and nanomaterials. Once introduced into aquatic environments, these substances can alter water chemistry, bioaccumulate in the food web, and disrupt essential physiological and biochemical processes in a wide range of aquatic organisms—from plankton to fish and amphibians.

This Special Issue aims to provide an up-to-date and multidisciplinary overview of the effects of environmental pollutants on aquatic life, with a focus on both acute and chronic exposures. We particularly welcome studies that investigate molecular, cellular, and physiological responses in aquatic species, as well as those that explore behavioral, reproductive, and ecological impacts. Research that integrates mechanistic insights with real-world environmental scenarios is strongly encouraged.

Guest Editors

Dr. Gianluca Fasciolo

Department of Biology, University Federico II of Naples, Via Cinthia 26, 80126 Naples, Italy

Assoc. Prof. Dr. Paola Venditti

Department of Biology, University of Naples Federico II, Monte Sant'Angelo Via Cinthia, 80126 Naples, Italy

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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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