Special Issue

Emerging Effects of Pollutants in the Aquatic Environment

Message from the Guest Editors

Over two-thirds of our planet is covered by aquatic ecosystems which are continuously being exploited to provide a large array of services for a fast-growing human population. Consequently, large amounts of chemicals are being released into the aquatic environment on a daily basis, causing deleterious effects for these systems and their inhabitants. The tremendous scale of the current problem and realistic (and dismal) future projections are urging the environmental assessment of the effects of such emergent chemicals through the development of new assessment tools and conceptual approaches. This Special Issue supports research using novel ecotoxicological approaches to uncover new mechanisms of action for classic and emerging contaminants in invertebrate and fish species. Studies that address the effects at multiple levels of organization upon exposure to relevant concentrations are encouraged. Authors are welcome to submit original research papers, reviews, and short communications.

Guest Editors

Dr. Melissa Faria

CSIC - Instituto de Diagnostico Ambiental y Estudios del Agua (IDAEA), 08034 Barcelona, Spain

Dr. Laia Navarro-Martin

CSIC - Instituto de Diagnostico Ambiental y Estudios del Agua (IDAEA), 08034 Barcelona, Spain

Deadline for manuscript submissions

closed (30 December 2021)



Applied Sciences

an Open Access Journal by MDPI

Impact Factor 2.5 CiteScore 5.3



mdpi.com/si/54356

Applied Sciences MDPI, Grosspeteranlage 5 4052 Basel, Switzerland Tel: +41 61 683 77 34 applsci@mdpi.com

mdpi.com/journal/ applsci





Applied Sciences

an Open Access Journal by MDPI

Impact Factor 2.5 CiteScore 5.3



About the Journal

Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo

Dipartimento di Fisica, Politecnico di Milano, Piazza L. da Vinci 32, 20133 Milano, Italy

Author Benefits

Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:

indexed within Scopus, SCIE (Web of Science), Inspec, CAPlus / SciFinder, and other databases.

Journal Rank:

JCR - Q1 (Engineering, Multidisciplinary) / CiteScore - Q1 (General Engineering)

