

Aquatic Ecotoxicology and Environmental Contamination

Guest Editors:

Dr. Massimo Zacchini

Research Institute on Terrestrial
Ecosystem, National Research
Council of Italy, Via Salaria Km
29,300, 00015 Rome, Italy

Dr. Valentina Iannilli

Department for Sustainability,
ENEA, Italian National Agency for
New Technologies, Energy and
Sustainable Economic
Development, Casaccia Research
Center, Via Anguillarese 301,
00123 Rome, Italy

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Message from the Guest Editors

Dear Colleagues,

The release and accumulation of pollutants in the aquatic compartment represent environmental threats of growing concern for the ecosystem and human health, as well as affecting the availability of pure water for different purposes.

While there is a large body of literature dealing with the presence and the consequences on biological organisms of the xenobiotic compounds in the marine environment, information on these issues targeting the freshwater ecosystem are still fragmentary. In particular, the effects of emerging contaminants on freshwater biota are a matter of growing attention for environmental risk assessment. Due to the particular physico-chemical characteristics of the emerging pollutants, all the representatives of the aquatic biota are under threat.

The Special Issue is devoted to acquiring new information on the impact of conventional and emerging pollutants on the freshwater ecosystem, targeting both plants and invertebrates. In this context, studies dealing with the ecotoxicological assessment involving model organisms, physiological and biomolecular mechanisms, and novel biomonitoring indices will be particularly welcomed.





water



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Editor-in-Chief

Dr. Jean-Luc PROBST

ECOLAB, Centre National de la
Recherche Scientifique (CNRS),
University of Toulouse, campus
ENSAT, Auzeville Tolosane,
France

Message from the Editor-in-Chief

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

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