

Special Issue

Ecotoxicity of Wastewater in Urban and Industrial Areas

Message from the Guest Editors

The rapidly increasing amount of wastewater contaminated with toxic compounds in industrial and urbanized areas prompts studies on their toxic effects on living organisms and ecosystem balance. This can be done for individuals, entire populations, and/or communities of organisms exposed to various contaminants in the wastewater. Therefore, this Special Issue welcomes research papers and critical reviews which aim to provide an up-to-date report on the adverse effects of environmental pollutants on different groups of organisms (e.g., microorganisms, algae, plants, invertebrates, or vertebrates) with a particular focus on new pollutants and their toxic effects in experimental short- and long-term model systems. Although laboratory tests are the primary tool for evaluating the ecological risks posed by polluted areas, works presenting the results of different stages of environmental risk assessment, including monitoring data from full-scale wastewater treatment plants and networks (e.g. sewage systems), are expected. Studies seeking potential correlations between physicochemical indicators and results of toxicity tests are also of interest.

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Message from the Editor-in-Chief

In the context of global changes, the sustainable management of water cycles, going from global and regional water cycles to urban, industrial and agricultural water cycles, plays a very important role on the water resources and on their relationships with food, energy, biodiversity, ecosystem functioning and human health. *Water* invites authors to provide innovative original full articles, critical reviews and timely short communications and to propose special issues devoted to new technological and scientific domains and to interdisciplinary approaches of the water cycles. We ensure a critical review process and a quick turnaround between submission and final decision.

Editor-in-Chief

Dr. Jean-Luc PROBST

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