



## Chemical Mixtures in Water Environment: From Monitoring Methods to Recommendations for Regulatory Applications

Guest Editor:

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### Message from the Guest Editor

Dear Colleagues,

There is an increasing interest in the use of effect-based methods for the identification of ecotoxicological risks of chemical mixtures in surface waters. Nevertheless, standardized criteria, data evaluation, and safety threshold values are needed before the implementation of effect-based methods in a legal framework.

This Special Issue will focus on research studies addressing the monitoring and the toxic risk of chemical mixtures in surface waters. Topics are expected to include any chemical agent mixtures covering a broad base of scientific questions related to the toxicity of chemical mixtures in the water environment, including modern approaches to improve the monitoring of mixtures in surface waters. Studies may also deal with all aspects related to hazard and risk assessment of chemical mixtures as well as risk management in the context of chemical regulation and environmental policy. This also includes studies devoted to a better use of monitoring data in ecological and human health risk assessment.

