Special Issue

Modern Methods for Analysis of Water and Related Environmental Samples

Message from the Guest Editors

Water pollution has become a source of serious concern, which requires additional research to better protect natural water resources. Appropriate solutions will be best provided by an improved understanding of the behavior and fate of the pollutants and the potential impacts. Nevertheless, to both quantitatively and qualitatively protect water resources and the entire environment, the tools required to provide a diagnosis of the current state of the environment must be defined. Currently, several appropriate techniques for the characterization of environmental matrices are available. However, no technique is appropriate to study all of the various pollutants present in the environment, because each of them allows access to a specific resolution. Each technique does not have the same performance, nor the same operating cost and does not provide the same information. If the various techniques operate differently, they can be alternatives or complementary to each other. This Special Issue focuses on the modern methods for the sample preparation and the analysis of water and related environmental samples.

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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

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