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Assessing Water Quality by Statistical Methods

Guest Editor:

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Deadline for manuscript submissions:
closed (15 December 2020)

Message from the Guest Editor

This Special Issue will feature the latest advances and developments in statistical approaches for evaluation and forecasting of water resources quality. The development of new methodologies and improving the known methods are especially welcome. More Details

The main topics of this Special Issue include but are not limited to:

- Water quality indicators
- Parametric and nonparametric approaches for assessing the groundwater vulnerability
- Spatial distribution and uncertainty in detecting the pollutants dissipation in water
- Assessing pollutant transport in water
- Quantitative and qualitative analysis of spatial and spatio-temporal hydrological data
- Hazards and risks for hydrological series data
- Impact of climate change on water resource quality
- Hydrological drought
- Methods for assessing the interaction between water quality and ecosystems.

Articles presenting new mathematical models that can be validated by statistical methods, for water resources modelling and forecast, are also welcome.

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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.

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