Special Issue

Field Methods for Water Quality Surveying, Volume II

Message from the Guest Editor

There has been tremendous progress in the development of field methods for water quality surveying, from portable next-generation sequencing devices for on-site characterization of water microbiomes to novel sensors used for real-time monitoring of waterborne hazards. These methods facilitate water quality monitoring in treatment works and remote locations, avoid sample alteration during transportation and storage, and enable rapid data exploitation, allowing immediate decision making. Rapid and online water quality sensors provide enormous water quality datasets with unprecedented spatiotemporal resolution at the catchment scale.

For this Special Issue, we are seeking contributions that report the latest advancements in the state of the art of field-deployable methods for water quality surveying: exemplary field studies, method validations, digital applications for field data collection, transmission, management, and sharing, as well as novel water sensor developments and their applications. Above all, we welcome research which aligns with the our motto: out of the lab, into the field!

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Deadline for manuscript submissions
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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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