Special Issue

Optical Sensors for Water Monitoring

Message from the Guest Editors

In order to monitor water quality in all sorts of aquatic environments in real-time, novel sensors are needed. Optical sensors have the potential to fulfill this need due to their high sensitivity and selectivity. The heterogeneity of aquatic environments (e.g., fresh water, marine) and concentration levels of various analytes found within the respective environments are challenging and demand continuous development. In this Special Issue, we aim to bring together the latest developments within the field. We welcome all submissions dealing with optical sensing in aquatic environments including, but not limited to:

- Marine or brackish waters;
- Fresh water;
- Waste water;
- Drinking water.

In terms of analytes, we aim to cover the full spectrum that can be monitored using optical sensing technology, including:

- Nutrients (e.g., NH4+, nitrate, phosphorous);
- Ionic species;
- Organic contaminants (e.g., pesticides, antibiotics);
- Biological species (e.g., bacteria, toxic algae)

Guest Editors

Dr. Klaus Koren

Aarhus University Centre for Water Technology (WATEC); Department of Bioscience, Aarhus Universitet, 8000 Aarhus, Denmark

Dr. Silvia E. Zieger

Aarhus University Centre for Water Technology (WATEC); Department of Bioscience, Aarhus Universitet, 8000 Aarhus, Denmark

Deadline for manuscript submissions

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Sensors
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
sensors@mdpi.com

mdpi.com/journal/sensors

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Message from the Editor-in-Chief

Sensors is a leading journal devoted to fast publication of the latest achievements of technological developments and scientific research in the huge area of physical, chemical and biochemical sensors, including remote sensing and sensor networks. Both experimental and theoretical papers are published, including all aspects of sensor design, technology, proof of concept and application. Sensors organizes Special Issues devoted to specific sensing areas and applications each year.

Editor-in-Chief

Prof. Dr. Vittorio M. N. Passaro
Dipartimento di Ingegneria Elettrica e dell'Informazione (Department of Electrical and Information Engineering), Politecnico di Bari, Via Edoardo Orabona n. 4, 70125 Bari, Italy

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