



Microsensors for Water Monitoring

Guest Editor:

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Message from the Guest Editor

Expansion of the sensor technology for multi-application (e.g., water quality sensors for phosphate, VOC, sulfide and chloramine, emerging contaminants, heavy metal, and free chlorine analysis; biosensors for pathogenetic bacteria, algal bloom and bacteria community; and hydroxylamine sensors for nitrogen cycling), and for portable device platforms using universal wireless electrochemical detector (UWED) technology for field applications are needed for further research.

The aim of this Special Issue is to cover microsensor applications in water monitoring via sensor fabrication, chemistry, biotechnology, public health, and environmental monitoring. We invite full research papers, review articles and communications covering related topics included in the keywords below. We would like to collect up-to-date research from emerging investigators and pioneers and a collection of comprehensive reviews from leading experts in the field.

- microsensor
- biosensor
- sensor fabrication and application
- water quality
- in-situ analysis





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Message from the Editor-in-Chief

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