Special Issue

Nano-Based Electrochemical (Bio)sensors for Environmental Monitoring

Message from the Guest Editors

Environmental pollution in most areas around the world needs to be controlled. Depending on the area and the 'situation', the environmental monitoring varies, and for this reason, it is necessary for different tools to be used. Electrochemical sensors are one of the tools that could contribute to air, water, soil, salinity and contamination monitoring. Accurate quantification of undesirable parameters that affect the quality of the environment is essential in order to protect it or to ameliorate it. Electrochemical sensors offer quick, simple, and accurate detection even at trace levels, also offering the possibility for in situ measurements at the pollutant source. This Special Issue welcomes new methodologies of the development of special electrochemical sensors or platforms that could probably contribute to environmental monitoring.

- electrochemical sensors
- solid-state electrodes
- environmental monitoring
- nanomaterials
- smart detection electrochemical devices
- electrochemical platforms
- online detection

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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.

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