Special Issue

Synthesis and Characterization of Optical Sensors for Environmental Monitoring

Message from the Guest Editor

The environmental conservation of fresh water resources and the efforts to protect fresh water from hazardous contaminants have become primary priorities in many countries. The early detection and intervention of suspected pollutants are critical to the prevention of potential environmental tragedies. Early detection can be succeeded if a simple and sensitive measuring tool is developed to quantify contaminants in fresh water resources. For a Special Issue on this topic, we invite the submission of manuscripts covering all aspects of environmental monitoring, detection of water pollutants, and ion recognition, including: optochemical sensors, aptamer sensors, biosensors, and the design and fabrication of chemical probes or any other optical-based sensors. Both research and review papers are welcome. Prof. Dr. Yang-wei Lin

Guest Editor

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Deadline for manuscript submissions

closed (31 May 2019)

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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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