Special Issue

Global Mercury Assessment Sensing Strategies

Message from the Guest Editors

Mercury is a persistent and toxic pollutant of global concern, capable of cycling within and between different environmental compartments, thus representing a risk for human health and ecosystems. Due to the low concentrations of mercury in different matrixes, the sampling methods have to be sensitive enough to cope with the requirements of traceability, accuracy, reproducibility and robustness. This Special Issue of *Sensors* aims to publish state-of-the-art scientific results related to advances in monitoring, analytical methods and technologies designed to quantify and characterize mercury contaminations at hot spots, urban and industrial sites as well as at background location, within the following topics optical colorimetric, electrochemical, chemical and bio-sensors; stand-alone sensor systems or part of an array of sensors; passive sampling devices; new nanomaterials to monitor mercury species; innovative analytical techniques to characterize mercury compounds in abiotic and biotic samples; tools for big field sensor data analytics.

Guest Editors

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Prof. Dr. Milena Horvat

Deadline for manuscript submissions

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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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