

Special Issue

Monitoring of Odorous Compounds in the Environment

Message from the Guest Editor

All types of sensors applicable to the determination of odorous compounds in various environmental matrices (e.g., air, water, and soil) will be covered in this special issue. In recent years, the assessment of odor pollution is generally made either by indirect means such as quantitative analysis based on instrumental detection or by the use of direct (sensory or olfactory) methods. As a primary means to control odor pollution from various emission sources, quantitative analysis of the offensive odorous compounds is considered as the primary task. Many advances have in fact been achieved in the instrumental detection of odorous compounds with the employment of delicate analytical systems. However, sensor techniques yet suffer significantly from low sensitivity or interference problems. More efforts are hence desirable to improve our application of sensor techniques to the detection and accurate quantification of odorous compounds under the various environmental settings.

Guest Editor

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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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