

Special Issue

Sensing of Organic Pollution in Soil, Air, Water and Food

Message from the Guest Editors

Organic pollution, such as petroleum hydrocarbons, polynuclear aromatic hydrocarbons, polychlorinated biphenyls, chlorinated aromatic compounds, and pesticides in soil, water and food, and its vapors in air, are disastrous. For example, spilled crude oil and petroleum products damage greatly the environment and pose serious health risk to humans, animals and plants. Managing remediation of polluted media requires accurate assessment of the extent and composition of pollutants. Portable, rapid, cheap and robust sensing technologies for the assessment of organic pollution in soil, air, water and food are the topic of this special issue. Technologies, sensitivity, selectivity, speed, reliability/robustness at various conditions, etc. are of great interest.

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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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