



sensors



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Optical and Fluorescent Sensors for Environment

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Deadline for manuscript
submissions:

closed (30 November 2019)

Message from the Guest Editors

Dear Colleagues,

We are pleased to introduce a new Special Issue of *Sensors*, an open access journal from MDPI (ISSN 1424-8220; IF: 2.475), about optical and fluorescent sensors applicable to the environment detection.

Fluorescent and colorimetric sensors find wide applicability in this sense, as they can be adopted in several contexts and in complex matrices. This include, but not exclusively, food, soil, air, and water monitoring, with a special regard towards sensing of persistent organic pollutants, greenhouse gases and heavy metals. Biological and synthetic components can be both adopted in the recognition of the target analyte, which is then transduced in an optical signal. In this Special Issue of *Sensors*, focusing on "Optical and Fluorescent Sensors for the Environment" you are invited to submit a contribution in the field. Original manuscripts that illustrate new detection solutions will be kindly accepted, as well as applications and real-life case studies of sensors on the market. Review of the current state of the art in a specific field will also be welcome.



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Special Issue



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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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