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Gas Sensors for Monitoring Environmental Changes

Guest Editors:

Dr. Kai Xu
School of Engineering, RMIT University, Melbourne, VIC 3000, Australia

Dr. Zhong Li
Key Laboratory of Advanced Technologies of Materials, Ministry of Education, School of Materials Science and Engineering, Southwest Jiaotong University, Chengdu 610031, China

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Message from the Guest Editors

Global warming and climate change have become serious environmental threats in the last decade. Air pollution due to the rapid development of modernization and urbanization is the major cause of environmental deterioration. Thus, the continuous monitoring and control of such pollutants are imperative to prevent environmental disasters.

Given the boom of the Internet of Things (IoT), the next generation of gas sensors is expected to be massively deployed into dense network systems with low cost, low power consumption, and long-term stability. In addition, to achieve continuous monitoring, gas sensors may also need to demonstrate a high tolerance to environmental variables such as temperature, humidity, and pressure.

This Special Issue aims to provide a comprehensive collection of the latest advances in gas sensors based on various materials and outlook for the gas sensors in environmental monitoring.We cordially invite you to submit an article to this Special Issue. We welcome short communications, full research articles, and timely reviews focusing on advanced gas sensing techniques.

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Editor-in-Chief

Prof. Dr. Nicole Jaffrezic-Renault

Institute of Analytical Sciences, UMR CNRS 5280, Department LSA, 5 Rue de La Doua, 69100 Villeurbanne, France

Message from the Editor-in-Chief

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Contact Us

Chemosensors Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
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mdpi.com/journal/chemosensors
chemosensors@mdpi.com
𝕏@chemosens_MDPI