



## Sustainable Metal Oxide Materials for Sensing Applications

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### Message from the Collection Editors

In the last several decades, nanotechnology has advanced at an impressive rate, owing to a high level of development in both materials and processing routes. This impressive progress is contributing significantly to the growth of several areas, such as (opto)electronics, chemical sensors, medicine/biology, energy, and others.

Particularly, sensors are some of the key devices in smart surfaces and Internet of things (IoT) applications. To meet these concepts, sensing applications now require flexible, transparent, nanoscale devices and materials. In this context, metal oxides are particularly interesting due to their good optical and electrical properties and their capability for transparency, large area uniformity, and good mechanical flexibility. Concerning the environmental issues the world is facing, special attention should be given to materials and methods which are low-cost and sustainable, while still enabling high integration levels.

Thus, this Special Issue welcomes the submission of papers focused on the fabrication of sustainable metal oxide materials, in the form of thin films or nanostructures, and their application for sensors.





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