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## Metal Oxides Sensors: Innovation and Quality of Life

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Deadline for manuscript  
submissions:

**closed (20 September 2021)**

### Message from the Guest Editors

Dear Colleagues,

In SENSOR technology, metal oxides have been broadly exploited as gas sensors, biosensors, physical sensors, and optical sensors. Furthermore, moving from bulk materials to nanostructures, MO<sub>x</sub> has opened new and terrific opportunities in the sensing field. Nanostructured metal oxides have been extensively explored to develop chemical–gas sensors and biosensors with high sensitivity and stability. However, a huge number of challenges still exists. The specific mechanisms of sensing involved in MO<sub>x</sub> are complex and not fully understood. The main MO<sub>x</sub> sensors' parameters are the sensitivity, selectivity, ability to work in real conditions, and the stability of characteristics over time.

The main aspiration is to assemble high-quality contributions focused on presenting a comprehensive overview of the new developments in the sensors field, specifically with regard to the promising approaches that will contribute to further development in MO<sub>x</sub> sensors.

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**Special** Issue



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## Message from the Editor-in-Chief

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