



Innovative Nanomaterials-Based Chemosensor Devices for Air Quality Monitoring

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Deadline for manuscript
submissions:

closed (15 September 2025)

Message from the Guest Editors

This Special Issue of *Chemosensors* will be dedicated to recent advances in innovative nanomaterial-based chemosensor devices for air quality monitoring.

Full papers, communications, and reviews are welcome. Topics include, but are not limited to, the following:

- Nanomaterials and/or functionalized nanomaterials with enhanced gas sensing properties (e.g., metal oxides, polymers, carbon-based nanomaterials, hybrid organic-inorganic nanocomposites, etc.);
- The synthesis, functionalization, and deposition techniques of nanomaterials as sensing layer;
- The fabrication and development of chemoresistive gas sensor devices based on nanomaterial sensing layer;
- Applications (indoor and outdoor air quality monitoring).





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Message from the Editorial Board

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