

Special Issue

Sustainable Low-Cost Air Pollution Monitors and Air Quality

Message from the Guest Editor

The purpose of the Special Issue is to call attention to the marriage between “computational approaches” and “low-cost sensors and air quality” and to boost the synergy between the two streams. The publication of our Special Issue will position itself at the sustainability frontier for promoting low-cost sensors and air quality. In this Special Issue, original research articles and reviews are welcome. Research areas may include (but are not limited to) the following:

- Low-cost air pollution monitors;
- Air quality forecast;
- Air quality spatiotemporal analysis;
- Sustainability and air quality IoT;
- Sustainability and human health;
- Big data mining for air quality;
- Machine learning and artificial intelligence for air quality analysis;
- Heuristic and metaheuristic for air quality analysis;
- Operation and maintenance for air quality IoT.

I look forward to receiving your contributions.

Guest Editor

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Deadline for manuscript submissions

closed (15 May 2025)



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About the Journal

Message from the Editor-in-Chief

I encourage you to contribute a research or comprehensive review article for consideration for publication in Sustainability, an international open access journal which provides an advanced forum for research findings in areas related to sustainability and sustainable development. The journal publishes original research articles, reviews, conference proceedings (peer reviewed full articles) and communications. I am confident you will find the journal contributes to enhancing understanding of sustainability and fostering initiatives and applications of sustainability-based measures and activities.

Editor-in-Chief

Prof. Dr. Steve W. Lyon

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