

Special Issue

Green Technologies for Sustainable Urban Land and Air Remediation

Message from the Guest Editors

For this Special Issue, we invite researchers to submit original articles or reviews addressing field observation in urban soil/air pollution, laboratory experiments, modeling and analysis, new instrumentation, green technologies for sustainable urban land and air remediation, and ecophysiological plant response to contamination. This Special Issue calls for papers that cover biogeochemical cycles of metal(loid)s and organic pollutants, dust emission, transport and deposition, and their health impacts, as well as plant adaptation response to contaminants.

- Sources, mobility, bioaccessibility, dispersion, and fate pollutants in urban soils and air;
- Accumulation of pollutants in plants growing in an urban environment;
- Leaf tapping and retention of particulate matters;
- Quantification of carbon stocks in urban soils;
- Phytoremediation capacity of plants;
- Evaluation of air pollution tolerance index;
- Plant morphological, physiological, biochemical, and molecular response to urban pollution;
- Interaction of pollutants and climatic factors to plant growth and physiology in urban environments.

Guest Editors

Dr. Vimal Chandra Pandey

Dr. Gordana Gajić

Dr. Valeria Ancona

Dr. Manhattan Lebrun

Deadline for manuscript submissions

closed (10 April 2023)



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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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