



Emerging Technologies for Air Quality Improvement

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Deadline for manuscript
submissions:

closed (15 October 2023)

Message from the Guest Editor

Dear Colleagues,

This Special Issue, Emerging Technologies for Air Quality Improvement, aims to answer the above question covering all the latest outstanding developments in the field of air quality (AQ) improvement technologies.

Among many environmental challenges we are currently facing, air quality is especially difficult to manage. This Special Issue will describe recent research and developments in the field of innovative technologies which aim to improve both indoor and outdoor environments. The Issue will focus on studies which implement innovative technologies for air pollution abatement. Such technologies include photocatalysis, innovative materials, smart air conditioning, smart air purification systems, green agriculture, clean industry and vehicle technologies, etc. Furthermore, it will also focus on methodological approaches to AQ improvement such as the implementation of wide sensor networks that will allow decision-making based on real-time data, high-tech cameras for the quantification and monitoring of pollution events, citizen engagement in reducing air pollution, making use of more advanced sensors, analytics, and communication tools, etc.





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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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