



Innovative Materials and Techniques for Air Particulate Matter Reduction

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Message from the Guest Editors

Airborne particulate matter (PM) is a critical issue for the environment and human health. The potentially adverse health effects due to PM inhalation can be related not only to particle size, but also to their physico-chemical characteristics, which vary significantly in urban, industrial and rural areas. With the introduction of smart cities concept, suitable measures to reduce people exposure to pollutants must be part of the policies for a suitable urban development. Generally urban policy makers have proposed some restrictions (for example for traffic), that were insufficient. Then, different approaches may be considered to minimize the PM exposure and health risks.

This special issue aims to collect different papers or review articles about innovative materials and techniques to improve the air quality of urban environment.

Keywords:

PM pollution reduction;
sustainable materials;
porous materials;
innovative techniques;
recycle of waste;
waste minimization;
improve air quality





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Message from the Editor-in-Chief

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