Special Issue

Biofiltration of Urban Air

Message from the Guest Editor

This Special Issue aims to focus on the opportunity of using different types of biofiltration techniques for solving the urban air quality issues. There is a direct connection between the urban air pollution, which is caused by various sources (e.g., industries, auto traffic, accidental releases or wrong practices in the frame of anthropogenic activities) and the actual problems related to the climate change and human health that are reaching a critical level and require emergent actions. Biofiltration is an environmentally friendly tool that can be applied for the minimization of urban air contaminants and mitigation of the associated environmental impacts. In a general approach, this biotechnology is driven by specific biota such as microorganisms, micro/macro-algae and different plants that could be involved in various biofiltration designs including biofilters, biotrickling filters, bioscrubbers or other related hybrid/combined/derivative systems (green walls/facades/roofs/terraces, etc.) for pollutant capture in a sustainable manner.

Guest Editor

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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. *Sustainability* publishes original research articles, review 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

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