Special Issue

Interactions of Urban Greenings and Air Pollution

Message from the Guest Editors

Greenings, as a part of environmental media, can promote the migration of pollutants between different media. Pollutants in the air can be absorbed by plants in green spaces and converted into organic matter in the soil. The types of plants, soil properties, hydrological conditions, and other factors in green spaces can affect the migration and transformation process of pollutants. The purpose of this Special Issue of Atmosphere is to provide an overview of recent "Interactions of Urban Greenings and Air Pollution". We are pleased to invite you to submit original papers, reviews, and short communications that focus on the interactions between urban greenings and air pollution across a range of settings. The scope of this Special Issue includes, but is not limited to, the following topics: Air pollution;
Responses from plants;
Phytoremediation mechanism;
Foliar microorganisms;
Emerging contaminants;
Ozone;
Biogenic volatile organic compounds;
Acid rain;
Haze;
Photosynthesis;
Primary productivity;
Migration and transformation;
Other related topics.
We look forward to receiving your contributions.

Guest Editors

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Dr. Qingyang Liu

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Deadline for manuscript submissions

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About the Journal

Message from the Editor-in-Chief

Continued developments in instrumentation and modeling have driven atmospheric science to become increasingly more complex with a deeper understanding of concepts, mechanisms, and interactions. This is the field that innovation built and it has led to a better appreciation for the complexity with atmosphere. Human life is intertwined in this complexity as we strive to better understand our atmosphere. Climate change is constantly stretching the limits of our thinking and forcing new ideas and concepts to be played out. Welcome to the Anthropocene!

Editor-in-Chief

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