



## Urban Greening Strategies and Sustainable Solutions for Climate Change Adaptation

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### Message from the Guest Editor

Dear Colleagues,

Green spaces including parks, street trees, urban nature preserves, urban forests, green roofs, and pocket gardens are of great importance for habitability and environment quality cities.

Vegetation in urban areas can sequester and store a large amount of carbon. However, it is different from natural vegetation such as forests and grasslands, human activities have more and strong influences on urban vegetation (e.g., management, pruning and energy use) which can further affect carbon source/sink dynamics. Thus, we will face a fact that urban vegetation maybe become a net carbon source because highly intensive use of resources (e.g., water, energy, fertilizer, pesticides, and labors).

The purpose of this research collection is to add information on:

- the Strategies of Urban Greening to more lower carbon emission.
- Sustainable Solutions of Urban Greening for Climate Change Adaptation
- More low carbon and sustainable Urban landscape planning and design
- More resilient and adaptive management measures
- Improve the environment quality and human health

Prof. Dr. Weiqing Meng

*Guest Editors*

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