

Special Issue

Adapting Cities to Climate Change through Sustainable Urban Ecology Initiatives

Message from the Guest Editor

We are pleased to announce a Special Issue of Sustainability on urban ecology and climate change adaptation. Climate change and the multiple negative impacts on the environment and society are now an intrinsic part of contemporary life. The increasing number of people that live in cities, will need to find innovative ways to deal with climate challenges. Nature-based solutions, in the form of green roofs, street trees, and parks, are producing encouraging results. They are able to provide shade and evapotranspirative cooling, buffer heavy rainfall events, and reduce air pollution, while providing a whole host of co-benefits. With this Special Issue, we aim to demonstrate the multiple ways in which the ecological component of cities can help to climate proof against future hazards in a sustainable manner. Case studies are welcome which demonstrate innovative approaches via empirical fieldwork or modeling. Areas of interest include but are not limited to:

- Climate change adaptation via greenspace;
- Ecosystem services and disservices;
- Urban ecology;

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Guest Editor

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Deadline for manuscript submissions

closed (15 January 2022)



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About the Journal

Message from the Editor-in-Chief

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. The journal publishes original research articles, reviews, conference proceedings (peer reviewed full 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

Prof. Dr. Steve W. Lyon

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