

Topical Collection

Urban Green Infrastructure for Climate-Proof and Healthy Cities

Message from the Collection Editors

In the light of climate change adaptation, urban green (and blue) infrastructures are becoming increasingly recognized, referring to urban and settlement planning and the design of climate-adapted housings and buildings. Green and plant-based solutions (such as green roofing, green façading, street and open space greenery etc.) have become an issue in combatting urban heat and associated health stresses. The purpose of this issue is to provide up-to-date knowledge in technologies, planning and implementation of urban green infrastructure in order to advance urban sustainability and secure healthy and climate-proof urban environments. It further addresses novel insights in related public health issues. There are still many challenges regarding practical, ethical, and legal concerns, and evidence-based approaches covering technical, natural-sciences, planning, governance and health aspects are scarce.

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