

Special Issue

Sustainable Urban Green Infrastructure and Its Effects

Message from the Guest Editors

Nature-based solutions (NbSs) and green infrastructure (GI) play an important role in the urban environment as they contribute toward many ecosystem services.

Among the ecological functions of NbSs, the following could be highlighted: improvements in water management and water resources, the increased thermal performance of buildings, increases in biodiversity, and improvements in air quality. Therefore, there is an urgent need to redesign current cities to answer and adapt to future socioecological needs. The development of strategies for the implementation of NbSs and GI is key to addressing urban challenges contributing toward resilient and sustainable cities in the future. We aim to gather research papers focusing on sustainable urban green infrastructure to address the current challenges faced by urban land tissue change and climatic conditions regarding building design and urban planning. Research areas may include, but are not limited to, the following areas:

- Nature-based solutions;
- Urban green systems;
- Ecosystem services;
- Stormwater management;
- Thermal improvement;
- Urban planning;
- Urban resilience;
- Buildings design;
- Urban green policies.

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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal *Applied Sciences* has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

Editor-in-Chief

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