



Smart Cities—toward Mitigating Climate Change, Preventing Soil Contamination and Improving Soil Treatment

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Message from the Guest Editors

Smart Cities are modern approaches to urban development that aim to enhance the well-being of city residents. In the face of climate change and expanding urbanization, these innovative approaches are urgently needed. Smart City designs can be achieved by using local resources and synergy between various city sectors, which rely on networks of materials and services to make cities more adaptable and resilient.

Topics of interest:

- Designing sustainable soils using locally available materials.
- Constructed soils for stormwater management systems.
- Building resilient green infrastructure systems.
- Adapting to the impacts of climate change with constructed soils.
- Designing city soils to store carbon and mitigate greenhouse gas emissions.
- Circular economy and sustainability of reuse of urban waste for varieties of soil functions.
- Researcher and agency partnerships and protocols.
- Urban soil mapping and diagnostic of their quality.
- Improve urban soil qualities.
- Create models of urban cities in order to identify the best locations and conductivity of green infrastructure.





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