

Special Issue

Sustainable Urban Landscaping for Resilience and Biodiversity Preservation

Message from the Guest Editors

Sustainable urban landscaping is pivotal for enhancing urban resilience and preserving biodiversity in the face of rapid urbanization and climate change. This approach integrates ecological principles into the design and management of urban green spaces, aiming to create multifunctional landscapes that provide a myriad of ecosystem services. Key strategies include the use of native and drought-resistant plant species to reduce water consumption and maintenance needs, thereby promoting climate adaptability. Green infrastructure, such as urban edible gardens, green roofs, walls, and rain gardens, plays a crucial role in stormwater management, reducing runoff, and mitigating urban heat islands. Additionally, green spaces also act as habitats for urban wildlife, supporting a diverse range of species and contributing to overall biodiversity. This holistic approach not only addresses environmental challenges but also enhances the quality of urban life, making cities healthier and more livable for their inhabitants.

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