# **Special Issue**

# Green Roof Benefits, Performances and Challenges

### Message from the Guest Editor

The scope of the issue encompasses a detailed examination of various aspects of green roofs, including their ecological, economic, and social impacts in the background of current trends and policies. It aims to synthesize existing research, identify knowledge gaps. and propose solutions to the challenges faced in green roof implementation. This issue aims to provide a comprehensive understanding of green roofs, facilitating informed decision-making among stakeholders, including urban planners, policymakers, and architects. By situating the discussion of green roof benefits, performances, and challenges within the broader context, this issue highlights the importance of green roofs in sustainable urban development and calls for a collaborative approach to overcoming the challenges they face.

- areen roofs
- rainwater retention and runoff delaying
- thermal aspects
- environmental benefits
- stormwater management
- innovative construction materials
- ecosystem services
- landscape architecture and planning
- adaptation to climate change
- climate change mitigation strategies
- sustainable techniques
- performance and challenges in different geographical regions

### **Guest Editor**

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## Deadline for manuscript submissions

closed (31 August 2025)



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#### Editor-in-Chief

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