

## Special Issue

# Protection and Management of Urban Parks and Nature Reserves

### Message from the Guest Editors

Urban biodiversity conservation and sustainable green space management are critical challenges in an era of rapid urbanization. Urban and peri-urban green spaces - including parks, forests, and nature reserves - are crucial for conserving biodiversity, mitigating pollution, and improving human health. These ecosystems enhance urban resilience while providing valuable recreational benefits to city dwellers. However, growing human pressures on natural spaces require research into sustainable urban coexistence. This Special Issue analyzes strategies to quantify and mitigate ecological impacts like land encroachment and pollution, while improving management of urban forests, parks, and reserves. Key themes include

- Biodiversity conservation in urban/peri-urban ecosystems
- Ecological thresholds for sustainable green space management
- Balancing recreation and habitat preservation
- Innovative urban forest/park management
- Climate-resilient urban green infrastructure & ecosystem services
- AI applications for urban biodiversity monitoring
- Light/sound pollution impacts & mitigation
- Case studies: urban green spaces & human well-being
- Best practices for biodiversity-friendly urban green space management

### Guest Editors

Dr. Xiaoping Xu

Prof. Dr. Lei Wang

Prof. Dr. Yunlong Yao

### Deadline for manuscript submissions

26 February 2026



## Forests

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### Message from the Editor-in-Chief

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