

## Special Issue

# Future Challenges and Trends in Sustainable Urban Planning and Design

### Message from the Guest Editors

This Special Issue addresses future challenges in sustainable urban planning and design, particularly where environmental risks and societal resilience intersect, by exploring sustainable, risk-sensitive urban planning frameworks that integrate anticipatory strategies for climate change adaptation, disruptive event mitigation, and disaster risk reduction in the built environment. Contributions exploring community-inclusive development, with equitable access, participatory governance, and just outcomes at their core, are especially encouraged, as are studies on resilient and sustainable communities that enhance collective adaptive capacity. **Keywords**

- risk-sensitive urban planning
- climate change adaptation strategies
- disaster risk reduction in the built environment
- community-inclusive development
- equitable urban resilience
- resilient and sustainable communities
- digital vulnerability and community resilience
- technology-enhanced multi-agency collaboration
- urban resilience to environmental and digital risks
- participatory climate-resilient urban governance

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### Guest Editors

Dr. Devindi Geekiyanage  
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### Deadline for manuscript submissions

closed (30 April 2026)



## Applied Sciences

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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.

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### Editor-in-Chief

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