

## Special Issue

# Strengthening Power Systems in Urban Environments: Challenges and Solutions

### Message from the Guest Editors

This special issue is aimed to address the technical complexities associated with integrating distributed energy resources (DERs) to the smart cities environment. Additionally, the special issue welcomes contributions on advanced grid management techniques, predictive analytics, and smart grid solutions that can mitigate the negative effects of DERs and enhance grid stability and safety. Furthermore, we encourage submissions that explore novel device designs aimed at improving system resilience or those focused on low-carbon engineering approaches that align with sustainable urban development. There is also space for studies that bridge the gap between technical solutions and policy frameworks, examining how regulatory measures can support resilient and adaptive power networks. The special issue aims to complement existing literature by offering a comprehensive view of the interplay between emerging technologies, policy considerations, and practical applications in urban power systems.

---

### Guest Editors

Dr. Matej Cenký

Dr. Jozef Bendík

Dr. Peter Janiga

---

### Deadline for manuscript submissions

15 May 2027



## Urban Science

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.9  
CiteScore 3.7



[mdpi.com/si/240814](https://mdpi.com/si/240814)

*Urban Science*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
urbansci@mdpi.com

[mdpi.com/journal/  
urbansci](https://mdpi.com/journal/urbansci)





# Urban Science

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.9  
CiteScore 3.7



[mdpi.com/journal/  
urbansci](https://mdpi.com/journal/urbansci)



## About the Journal

### Message from the Editor-in-Chief

*Urban Science* is a scholarly international journal which provides a platform for the exchange of theories, ideas, methods, analyses, and comparative studies of urban and regional development. It is a peer-reviewed, open access journal that publishes high quality original articles, theoretical essays, critical reviews, research notes, and shorter communications. Its broad definition of “science” includes both quantitative and qualitative methods of social, environmental, and spatial analysis. There is no restriction on the maximum length of the papers.

---

### Editor-in-Chief

Prof. Dr. Luis Hernández-Callejo

Department of Agricultural and Forestry Engineering, University of Valladolid, Campus Duques de Soria, 42004 Soria, Spain

---

### Author Benefits

#### Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

#### High Visibility:

indexed within Scopus, ESCI (Web of Science) and other databases.

#### Journal Rank:

JCR - Q1 (Geography) / CiteScore - Q1 (Urban Studies)