

Special Issue

Net Zero Energy Settlements

Message from the Guest Editor

This Special Issue aims to explore recent trends around the following research topics that underpin net-zero energy urban systems, from NZEB toward NZE settlements and positive energy districts (PEDs):

- Decision-making theories, tools, methodologies;
- Energy conservation strategies and high-performance building materials;
- RES technologies, hybrid energy systems, and standardized interfaces between different technologies;
- Smart grids, smart energy management systems, AI and IoT in energy management, energy storage;
- Indoor air quality, thermal comfort, post occupancy evaluation;
- Energy information systems to engage urban communities;
- UHI mitigation strategies and assessment of the local microclimate;
- Case studies including new and existing urban developments;
- Best practice for the phases of design, construction, monitoring, and operation.

For more details, please visit:

https://www.mdpi.com/journal/urbansci/special_issues/net_zero_energy_settlements

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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.

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