

Special Issue

Advanced Energy Systems and Technologies for Urban Sustainability

Message from the Guest Editors

The rapid growth of urbanization and the global emphasis on sustainability have created a critical need for advanced energy systems tailored for urban environments. This Special Issue focuses on innovative technologies, systems, and strategies that address the energy challenges faced by modern cities. Topics of interest include renewable energy integration, smart grids, energy storage solutions, and urban energy management systems. The Special Issue aims to highlight cutting-edge research in the digitalization, optimization, and decentralization of urban energy infrastructures, promoting sustainability, efficiency, and resilience. We invite contributions that explore novel approaches in energy modeling and system design, with particular attention to applications in smart cities, green buildings, and transportation. This Special Issue serves as a platform for interdisciplinary collaboration and aims to advance the state of the art in sustainable urban energy systems to meet future demands.

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Deadline for manuscript submissions

15 January 2026



Electronics

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Impact Factor 2.6
CiteScore 6.1



mdpi.com/si/224502

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About the Journal

Message from the Editor-in-Chief

Electronics is a multidisciplinary journal designed to appeal to a diverse audience of research scientists, practitioners, and developers in academia and industry. The journal is devoted to fast publication of latest technological breakthroughs, cutting-edge developments, and timely reviews of current and emerging technologies related to the broad field of electronics. Experimental and theoretical results are published as regular peer-reviewed articles or as articles within Special Issues guest-edited by leading experts in selected topics of interest.

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