

Topical Collection

Urban Energy Management and Sustainable Transportation

Message from the Collection Editors

This Topical Collection will focus on urban energy management and sustainable transportation systems, with emphasis on bottom-up approaches that consider local renewable sources and storage systems in a flexible micro-grid environment, under the presence or absence of smart mobility, applied in different buildings that as a whole have the characteristic to be identified as Net-Zero Energy Buildings. The new methods of modeling and systems characterization will be further lifted to a larger scale consisting of multiple buildings under an urban scenario where different forms of transportation interact and communicate with the integrated system, thus creating the so-called Multi-level System-of-Systems approach (MLSoS).

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