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Net Zero Energy Settlements

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Deadline for manuscript submissions:
31 January 2022

Message from the Guest Editor

Dear Colleagues,

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:
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Editor-in-Chief

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Message from the Editor-in-Chief

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