

Special Issue

Towards a Net Zero-Carbon Built Environment: Metrics and Pathways

Message from the Guest Editors

This Special Issue aims to encourage contributions of the latest ideas and research findings on pursuing a net zero carbon built environment with radical thinking and strategies to shape and advance carbon neutral targets of organizations that own, manage, and/or operate built assets; to develop and deploy building/precinct-integrated renewable energy solutions; to explore options such as “build less” or even “build nothing” by capturing synergies among energy, water, waste, and mobility systems; to maximize the use of existing buildings and infrastructure through smart planning and asset management; and to leverage the alternative ways of delivering more services and better performance, particularly via digital means, with less dependence on the physicality of built forms.

Guest Editors

Dr. Ke Xing
Dr. David Ness
Dr. Bin Huang

Deadline for manuscript submissions

closed (31 August 2021)



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Editor-in-Chief

Prof. Dr. Steve W. Lyon

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