

Special Issue

Sustainable Technologies for Net Zero Energy Buildings (NZEB)

Message from the Guest Editors

The 2018 IPCC report highlighted the immense threat of climate change to our planet, possibly leading to irreversible damage to ecosystems by 2030. Given that the built environment is responsible for 30%–40% of energy use, mainly from heating, ventilation and air conditioning (HVAC), and associated anthropogenic greenhouse gas emissions, it is imperative that the built environment be transformed in a sustainable way to use less energy. An ambitious yet necessary goal to set is nearly zero energy buildings that consume very little or no energy at all. This Special Issue of *Sustainability* is seeking papers that can demonstrate technologies that can achieve this ambitious goal. Technologies can range from passive to active systems, from hardware developments to intelligent control architectures, and to advanced integrated systems. Owing to different climatic challenges in various regions of the world, we specifically seek contributions from different climatic regions.

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Message from the Editor-in-Chief

I encourage you to contribute a research or comprehensive review article for consideration for publication in *Sustainability*, an international Open Access journal which provides an advanced forum for research findings in areas related to sustainability and sustainable development. *Sustainability* publishes original research articles, review articles and communications. I am confident you will find the journal contributes to enhancing understanding of sustainability and fostering initiatives and applications of sustainability-based measures and activities.

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