



Sustainable Energy in Civil and Environmental Engineering

Guest Editor:

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Message from the Guest Editor

Sustainable energy research in civil and environmental engineering evaluates the potential impact of the energy system and aims to uncover the strengths and weaknesses of an existing or proposed project. Therefore, it must be conducted with an objective approach to provide information upon which decisions can be based. In its simplest terms, the two criteria to judge a sustainable energy structure or system are the cost required and efficiency to be attained. The results of sustainable energy research in civil and environmental engineering study could be used to analyze or further develop the energy system at other locations for projects that share similar conditions and environments.

This Special Issue will focus on the environmental and economic benefits of sustainable energy, system design, management, or strategies, with topics including: sustainability in infrastructure; sustainable construction; smart cities; resilient design; sustainable materials (reuse and recycling); renewable energy; LEED certified structures; sustainable energy efficiency and reliability; analysis of sustainable energy structures or systems; net zero energy buildings; and life cycle assessment.





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Message from the Editor-in-Chief

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