Special Issue

Numerical Modeling of Sustainable Energy Conversion Processes

Message from the Guest Editors

With the recent progress in numerical methods and available computational resources, the role of numerical modelling in the design process of energy conversion systems has become more prominent. Numerical modelling provides detailed information on the underlying complexities of coupled phenomena in energy conversion processes that are not otherwise readily accessible with experimental measurements. Taking advantage of AI and machine learning approaches, the accessibility, validity, and trustworthiness of numerical models are improving. At the same time, improvements in numerical methods decreases their computational cost. This has enhanced the role of numerical modelling in the overall design of more sustainable energy conversion systems. Therefore, the current Special Issue of Sustainability aims at being a place to report recent advances in numerical modeling of the field of energy conversion and sustainability...

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Deadline for manuscript submissions

closed (31 March 2022)

Sustainability

an Open Access Journal by MDPI

Impact Factor 3.3
CiteScore 7.7

mdpi.com/si/84125

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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.

Editor-in-Chief

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