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Numerical Modeling of Sustainable Energy Conversion Processes

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Deadline for manuscript submissions:
closed (31 March 2022)

Message from the Guest Editors

Dear Colleagues,

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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Editor-in-Chief

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Message from the Editor-in-Chief

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