

Special Issue

Flow, Heat and Mass Transfer in Energy Utilization

Message from the Guest Editors

As the global demand for energy continues its upward trajectory, the imperative to develop sustainable and efficient energy utilization processes has become increasingly pressing. In this context, the understanding and optimization of transfer processes, encompassing fluid dynamics, heat transfer, and mass transport, emerge as pivotal elements of paramount importance in the pursuit of a cleaner and more sustainable energy landscape. This Special Issue endeavors to explore new research in the realm of flow, heat, and mass transfer processes in energy utilization. Through a collection of diverse contributions, we seek to unravel the complexities existing in the strong coupling of fluid, heat, and mass transfer processes, offer insights into novel approaches, and provide a platform for discussions that will shape the future of energy utilization. By fostering collaboration and knowledge exchange, we aspire to contribute to a sustainable and resilient energy future that meets the needs of the present without compromising the needs of future generations.

Guest Editors

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Editor-in-Chief

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