

## Special Issue

# Advanced Technologies Applied to Renewable Energy

### Message from the Guest Editors

Renewable energy technologies have emerged as viable sources of alternative energies, particularly during the last decade. Adopting these technologies is a crucial element for improving energy efficiency and sustainability, in addition to the ecological efforts to reduce carbon footprint and greenhouse gas emissions. It is essential that humans worldwide become reliant on renewable energies, which are based on environmentally reliable and naturally available systems. Many researchers encouraged using hybrid renewable energy systems that include two or more different renewable energy systems in addition to different energy storage systems. These systems, as indicated by researchers, give promising potential for the electrification of cities and remote areas. Therefore, we invite papers on the design and implementation of advanced types of solar, wind, hydro, wave, tide, ocean, and hydrogen energies as well as fuel cell systems through original research papers, review papers, case studies, and experimental, analytical, and numerical studies that are relevant to the topic of renewable energy.

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### Guest Editors

Dr. Hussein A Kazem

Prof. Dr. Miqdam Chaichan

Dr. Ali H. A. Al-Waeli

Dr. Hasila Jarimi

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### Deadline for manuscript submissions

closed (23 September 2023)



## Sustainability

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## Editor-in-Chief

Prof. Dr. Steve W. Lyon

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