

Special Issue

Latest Trends in Development and Demonstration of Clean Energy Technologies for Sustainable Energy Production

Message from the Guest Editors

Innovation in clean energy technology is essential to contribute to global efforts to reduce GHG emissions and for the establishment of a prosperous, low-carbon economy. Presently, renewable, clean technologies are being deployed widely throughout the globe and include large-scale and residential solar PV, concentrated solar thermal, wind, hydro, biomass, wave energy, geothermal, green fuels utilisation (including hydrogen and bio-fuels), storage technology, and their mix. The issue will contain a synthesis of the current progress status in technology development, key technological benefits and challenges as well as present barriers, drivers, opportunities, enablers and pathways for a rapid deployment of these new technologies. Original research and reviews articles on smart utilisation of renewable fuels (e.g. hydrogen, biomass, bio-fuels) including clean combustion technologies, concentrated solar thermal for heat and power, innovation in storage (thermal, chemical, thermo-chemical) and other energy forms (wind, hydro, PV, geothermal) are welcome.

Guest Editors

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Deadline for manuscript submissions

closed (31 October 2021)



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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.

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