

Special Issue

A Pathway to Renewable Energy Promotion for Achieving Low-Carbon Energy Networks: Electricity, District Heating and District Cooling Networks

Message from the Guest Editors

The aim of the Special Issue is, as the title explains, to identify a pathway to renewable energy promotion for achieving low-carbon energy networks, and the scope includes: **Renewable energy systems**: solar energy; wind energy; marine energy; ocean thermal; geothermal; biomass; nuclear energy; hydroelectricity; **Energy systems**: electricity network; district heating network; district cooling network; **Waste heat**: synthetic fuel excess heat; bio-refinery excess heat; industrial waste heat; data center; **Energy storage**: thermal energy storage (sensible heat; latent heat; seasonal energy storage); electricity storage (hydrogen fuel cell, battery, CAES, gravity energy storage); **Power to X**: power to liquid; power to gas; **Heat pumps**: compression cycles; absorption systems.

Guest Editors

Dr. Ali Khosravi
Dr. Mohammad Malekan
Prof. Dr. Juan Jose Garcia Pabon

Deadline for manuscript submissions

closed (31 December 2021)



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Message from the Editor-in-Chief

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. The journal publishes original research articles, reviews, conference proceedings (peer reviewed full 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

Prof. Dr. Steve W. Lyon

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