

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. *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.

Editor-in-Chief

Prof. Dr. Marc A. Rosen

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