



## Renewable Energy Systems 2021

Guest Editor:

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### Message from the Guest Editor

Dear Colleagues,

This Special Issue aims at collecting the most significant and recent studies dealing with the integration of renewable technologies into new or existing water, electricity, heating, and cooling networks. You are encouraged to submit manuscripts analyzing the possible utilization of renewables for multiple purposes (power production, heating, cooling, water management, transports), aiming at increasing the diffusion of such sources into our energy systems. Papers investigating novel electrical and thermal storage systems, as well as the adoption of electrical vehicles, are welcome, too. The topics of primary interest include but are not limited to:

- Energy planning
- Polygeneration systems based on renewables
- Advanced thermal storage
- Advanced electrical storage: compressed air energy storage (CAES), flying wheels, supercapacitors, etc.
- District heating and cooling systems
- Water pumping by renewables
- Thermally-driven water desalination
- Electrically-driven water desalination
- Integration of renewables with transportation, electrical vehicles

