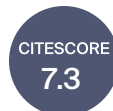




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## Climate Changes and the Impacts on Power and Energy Systems

Guest Editors:

**Dr. Younes Mohammadi**

**Dr. Aleksey Paltsev**

**Dr. Boštjan Polajžer**

**Dr. Davood Khodadad**

Deadline for manuscript  
submissions:

**closed (10 October 2024)**

### Message from the Guest Editors

Dear Colleagues,

Topics of interest for publication include, but are not limited to:

- Analysis of impacts of global warmings, increasing CO<sub>2</sub>, Gulf-stream, etc., on climate changes, temperature changes, winter storms, power and energy consumption, peak electrical loads, power grid planning, buildings energy planning, and passenger car vehicles.
- Investigating the affection mechanisms of renewable energy resources including wind, solar, hydrogen, bioenergy, biomass, geothermal, and hydropower due to climate changes.
- Technologies and solutions for electrical power and energy systems for both power grid and buildings against climate changes.
- Electrical power and energy system answers for decarbonization of transportation (road, rail, air, and pipeline), industrial, and buildings.
- Applications of technologies such as quantum computing, blockchain, Internet of Things, Artificial Intelligence, Machine Learning, and Deep Learning in climate resilience building and decarbonization of electrical power and energy systems.
- Review papers covering the state of the art of literature on climate change and impacts on power and energy systems.



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# Special Issue



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## Message from the Editor-in-Chief

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