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# **Grid and Photovoltaic Powered Pumping Systems**

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Deadline for manuscript submissions:

closed (28 February 2023)

## **Message from the Guest Editors**

This Special Issue focuses on the theory and practice of all types of regular and solar-powered pumping systems. We invite papers on novel methods, innovative technology approaches, analytical models, reviews, and case studies. The area includes but is not limited to the following topics:

- Technical, economic, and environmental assessment of grid and solar-powered applications of pumping systems (including domestic, community, and industrial);
- Novel methods and innovative approaches of power conversion and optimization for both conventional and solar powered pumping systems (theory with modeling and/or practice with implementations and case studies);
- Solar energy management models for pumping systems, forecasting, and optimization techniques;
- Optimization techniques for control strategies including speed, throttling, and bypass methods;
- Batteries and photovoltaic arrays for solar power usage in pumping applications.











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## Message from the Editor-in-Chief

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