



Advanced Wind & Solar Power Generation and Sector-Coupling Solutions for Renewable Energy Curtailment

Guest Editor:

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Message from the Guest Editor

Dear Colleagues,

This Special Issue focuses on state-of-the-art wind and solar power generation technologies and sector-coupling solutions for use in renewable energy curtailment. The scope of this Special Issue will include (but will not be limited to) the following aspects:

- Advanced wind and solar energy technology and O&M;
- Sector-coupling solutions such as power-to-gas (P2G), power-to-heat (P2H), power-to-mobility (P2M), and other energy transformation techniques (P2X);
- Energy storage systems (ESS) and energy management systems (EMS);
- Zero-energy building technology;
- AI-based renewable energy systems;
- Thermal energy storage and thermal management;
- Li-ion batteries and solid-state batteries;
- Advanced renewable energy technology;
- Electric vehicles and sustainable transportation systems.

Dr. Seung Jin Oh
Guest Editor





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Message from the Editor-in-Chief

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