



Advanced Energy Generation Systems for Sustainable Development

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Message from the Guest Editors

Dear Colleagues,

In the past several decades, many global initiatives have been proposed for mitigating climate change. Implementing energy transition towards sustainable systems plays an essential role in achieving such goals. This process will require a shift from conventional energy generation to advanced systems. The potentiality of such systems is not only related to their technical efficiency, but also to the flexibility and optimization of their operation, their sustainability and how they could be integrated in a territory. For this reason, this Special Issue will focus on novel optimization and emerging technologies, and on the assessment of their environmental, economic and social characteristics, for integrated and advanced energy generation systems. Topics of interest for publication include, but are not limited to:

- Techno/economic/social analyses of advanced energy generation systems;
- Tools for design and/or operation optimization of energy generation systems;
- Distributed generation systems: planning and implementation;
- Energy management;
- Advanced solutions for renewable energy systems integration;
- Energy efficiency solutions and demand-side management.



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Message from the Editor-in-Chief

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