



Wind Power Technologies and Sustainability

Guest Editor:

Prof. Dr. Shaaban Abdallah

Department of Aerospace
Engineering, University of
Cincinnati, Cincinnati, OH 45221,
USA

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submissions:

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Message from the Guest Editor

It is our societal responsibility to replace carbon based power sources with renewable energy sources. Wind energy is considered to be a clean and sustainable source of green energy. For decades, windmills were built from recyclable and reusable materials. The arrival of plastic composite materials allowed the building of turbines with long blades that made them more efficient but less sustainable. Sustainability places high demands on new technologies to bring wind power as a main source of energy.

The scope of this Special Issue is sustainable wind power technologies, including efficient designs of wind turbines and wind farms, blade materials, manufacturing technologies of turbine systems, aerodynamics and stability analyses, and wind power economics. The purpose of this Issue is to emphasize that sustainability in wind power technologies is an important aspect to promote wind power as a clean energy source replacement for carbon-based power sources.

We are soliciting current literature on topics including the most common renewable power technologies:

- Solar
- Biogas
- Geothermal
- Biomass
- Hydroelectricity





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Editor-in-Chief

Prof. Dr. Marc A. Rosen

Faculty of Engineering and
Applied Science, University of
Ontario Institute of Technology,
Oshawa, ON L1G 0C5, Canada

Message from the Editor-in-Chief

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Sustainability Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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