## **Special Issue**

# Wind Power Technologies and Sustainability

## 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

## **Guest Editor**

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#### Deadline for manuscript submissions

closed (1 February 2021)



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## Message from the Editor-in-Chief

I encourage you to contribute a research or comprehensive review article for consideration for publication in Sustainability, an international open access journal which provides an advanced forum for research findings in areas related to sustainability and sustainable development. The journal publishes original research articles, reviews, conference proceedings (peer reviewed full articles) and communications. I am confident you will find the journal contributes to enhancing understanding of sustainability and fostering initiatives and applications of sustainability-based measures and activities.

### Editor-in-Chief

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