

## Special Issue

# Innovation in Wind Turbine Blade Design and Aeroelasticity

### Message from the Guest Editor

This Special Issue "Innovation in Wind Turbine Blade Design and Aeroelasticity" aims to discuss a set of new innovative blade designs, design methods, and its aeroelastic responses for both HAWT and VAWT. Topics will broadly include but are not limited to:

- Innovative blade designs;
- State-of-the-art blade design process;
- Wind turbine aeroelasticity;
- Numerical design method/tool development for blade design/analysis such as nonlinear ROM, modal approach including torsional degree of freedom, a new beam model, etc.;
- Wind turbine blade design considering environmental impacts such as blade icing in cold climates, blade erosion, noise mitigation, etc.

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### Guest Editor

Prof. Dr. Taeseong Kim

Wolfson School of Mechanical, Electrical and Manufacturing Engineering, Loughborough University, Loughborough LE11 3TU, UK

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### Deadline for manuscript submissions

closed (29 June 2022)



## Energies

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## About the Journal

### Message from the Editor-in-Chief

*Energies* is an international, open access journal in energy engineering and research. The journal publishes original papers, review articles, technical notes, and letters. Authors are encouraged to submit manuscripts which bridge the gaps between research, development and implementation. The journal provides a forum for information on research, innovation, and demonstration in the areas of energy conversion and conservation, the optimal use of energy resources, optimization of energy processes, mitigation of environmental pollutants, and sustainable energy systems.

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### Editor-in-Chief

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