

Special Issue

Wind Energy End-of-Life Options: Theory and Practice

Message from the Guest Editors

The submission topics, with no order of importance, include, but are not limited to:

- End-of-life decision-making (decommissioning, repowering, and life extension);
- Analysis of social, environmental, and economic impacts of end-of-life choices;
- Asset management and legislative aspects of end-of-life decisions;
- Consideration of the planning and permitting system for end-of-life decisions;
- Decision-making tools development and case study analysis;
- End of life options assessment based on optimisation techniques, stochastic modelling, etc.;
- Considerations of communities in end-of-life decision making, including social acceptance.

Determination of Remaining Useful Life (RUL) and extension of service life:

- Advanced methodologies to estimate RUL in on/offshore wind, repowering and lifetime extension;
- Stochastic methodology development;
- Monitoring, inspection and measurement;
- Novel control, devices and operation strategy to improve performance and reduce service life loads;
- Operation and maintenance strategy and reliability analysis over service life;
- Data-driven (machine learning) and statistical methods

Guest Editors

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Dr. Rebecca Windemer

Deadline for manuscript submissions

closed (29 August 2024)



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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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