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Maintenance Management of Wind Turbines

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Deadline for manuscript
submissions:

closed (22 December 2019)

Message from the Guest Editor

Dear Colleagues,

Maintenance is a critical variable in industry in order to reach competitiveness, being the most important, together with operations, in the wind energy industry. This issue will consider original research works that show content complementary to other sub-disciplines, such as economics, finance, marketing, decision and risk analysis, engineering, etc., in the maintenance management of wind turbines.

The issue will also show real case studies. They will consider topics, such as failures detection and diagnosis, fault trees and subdisciplines (e.g., FMECA, FMEA, etc.). It is essential to link these topics with financial, schedule, resources, downtimes, etc., in order to increase productivity, profitability, maintainability, reliability, safety, availability, and reduce costs, downtimes, etc., in a wind turbine. It will also consider computational techniques, dynamic analysis, probabilistic methods, and mathematical optimization techniques that are expertly blended to support the analysis of multi-criteria decision-making problems with defined constraints and requirements.



mdpi.com/si/19073

Special Issue



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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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