

Special Issue

Risk and Integrity Management of Energy Assets

Message from the Guest Editor

With the rapid progress in renewable energy, considering the upscaling of developed and emerging technologies, deployment in new and unexplored territories, and the fact that a number of assets are in the second half of their service life, there is a need to focus on the identification and mitigation of the underlying risks and qualification of methods that can enable more efficient operations. This Special Issue focuses on these topics, aiming to disseminate the results from state-of-the-art research. Topics of interest include, but are not limited to, the following:

- Risk assessment and technology qualification
- Monitoring and inspection
- Asset integrity management
- Reliability, availability, and maintainability
- O&M modelling
- End of life scenarios (lifetime extension, repowering, and decommissioning)
- Insurance and certification
- Uncertainty modelling
- Design standards and guidelines
- Resilience engineering
- Techno-economic analysis in risk management
- Safety

Guest Editor

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Deadline for manuscript submissions

closed (20 October 2020)



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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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