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## Exergy Analysis of Renewable Energy Sources

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Deadline for manuscript  
submissions:

**30 April 2022**

### Message from the Guest Editors

This Special issue invites research and review papers presenting a comprehensive and critical view in the field of application of exergy-based methods to the evaluation of renewable energy conversion systems. Topics of interest include but are not limited to the following:

- Exergy analysis applied to RES-based heating, cooling, and electricity, multigeneration, fuel production systems, including solar, geothermal, wind, biomass, hydrogen, etc.;
- The use of integrated sustainability assessment and exergy- based methods, mainly (i) exergy analysis, (ii) exergo-economic analysis, (iii) exergo-environmental analysis, (iv) exergo-sustainability analysis, (v) exergetic life cycle analysis, (vi) cumulative exergy consumption (vii) thermoecological cost assessment, and so forth to optimize and promote a more efficient use of RES;
- Methodological aspects and developments of the integrated exergy-based methods specifically related to RES;
- The state of the art and possible trends on the field of exergy analysis applied to RES energy conversion systems.



mdpi.com/si/85644

# 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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