

## Special Issue

# Physical Science for Renewable Energy and Sustainable Development

### Message from the Guest Editor

Sustainable development combines the fulfillment of human needs or aspirations and preservation of natural environment. Both these issues are determined and strongly influenced by the concepts and techniques of science, particularly physics which is fundamental to the progress of other scientific branches and new technologies. This special issue will cover a wide range of topics including:

- alternative methods of energy generation and storage,
- use of renewable energy sources,
- hydrogen generation and storage
- other related subjects explored towards a sustainable world.

The papers presenting experimental work as well as theoretical calculations or simulations are welcome. The research should be based mainly on the methods used in physics (particularly solid state physics, chemical physics, DFT calculations, mathematical methods in physics). Full length papers, reviews, short communications and prospective articles will be considered.

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### Guest Editor

Prof. Dr. Agata Zdyb

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### Deadline for manuscript submissions

closed (31 December 2021)



## Sustainability

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## About the Journal

### Message from the Editor-in-Chief

I encourage you to contribute a research or comprehensive review article for consideration for publication in *Sustainability*, an international Open Access journal which provides an advanced forum for research findings in areas related to sustainability and sustainable development. *Sustainability* publishes original research articles, review articles and communications. I am confident you will find the journal contributes to enhancing understanding of sustainability and fostering initiatives and applications of sustainability-based measures and activities.

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### Editor-in-Chief

Prof. Dr. Marc A. Rosen

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