



## Harmonic Sources Identification and Their Influence on Electrical Equipment

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Deadline for manuscript submissions:

**closed (30 April 2022)**

### Message from the Guest Editors

We invite submissions to a Special Issue of the journal *Energies* on the topic of “Harmonic Sources Identification and Their Influence on Electrical Equipment”.

At present, the problem of power quality improving is becoming widespread, since electrical equipment based on semiconductor converter technology is used at any industrial facility.

This Special Issue has the aim of collecting and systematizing the latest achievements in the field of identifying the share contribution of distortion sources and compensating for their impact on consumers in systems with various energy sources.

The topics of interest include but are not limited to:

- methods of distortion sources identification;
- modeling and simulation of nonlinear loads;
- methods of power quality improvement;
- economic aspects in conditions of reduced power quality;
- impact of disturbing loads on supply networks and other electrical equipment;
- harmonic problems in grids with distributed generation;
- standardization and regulation.

Prof. Dr. Yaroslav Shklyarskiy  
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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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