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Cloud Computing and Energy Efficiency: In Search of Sustainability

Guest Editors:

Dr. Andrzej Lis

Department of Business
Excellence, Faculty of Economic
Sciences and Management,
Nicolaus Copernicus University,
Toruń, Poland

Dr. Adam Kozakiewicz

Research and Academic
Computer Network – National
Research Institute, Warsaw,
Poland

Deadline for manuscript
submissions:

closed (29 March 2022)

Message from the Guest Editors

Dear Colleagues,

With the goal of contributing to an exchange of ideas, we invite researchers to submit for publication papers discussing energy efficiency issues in cloud computing systems. It is our intent to combine expertise from fields related to cloud computing, energy, and sustainable management. The scope of this Special Issue will thus cover a variety of topics, including but not limited to:

- Energy-efficient hardware;
- Energy-aware scheduling;
- Energy-aware data centers;
- Green cloud computing;
- Cloud computing energy efficiency in the context of the Internet of Things (IoT) development;
- Network security and energy efficiency;
- Energy-efficient IoT security
- Economic, environmental, and social effects of energy efficiency in cloud computing systems.

Various types of articles are invited for publication, including original research (empirical) articles, case studies, review articles, and conceptual articles.



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Special Issue



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Editor-in-Chief

Prof. Dr. Enrico Sciubba

Department of Mechanical and
Aerospace Engineering,
University of Roma Sapienza, Via
Eudossiana 18, 00184 Roma, Italy

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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Energies Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
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