Special Issue

Energy Systems Transformation: Systems Analysis, Infrastructures, Operation, and Market Design

Message from the Guest Editors

Energy systems are currently undergoing fundamental transformation processes all around the globe. These processes aim at establishing sustainable and climate-neutral solutions based on a variety of novel technologies. Renewable energies fluctuations, their distributed technical character, and vanishing marginal costs induce related fundamental change within the technical, economic, and societal areas of energy systems. This Special Issue is dedicated to recent advances in this very broad field of research, which includes energy systems analysis, energy infrastructures transformation, energy systems operation, and energy market design, as well as societal, political, and environmental dimensions. The main criteria for paper acceptance are relevance to the field; academic excellence; and originality and novelty of applications, methods, or fundamental findings.

Guest Editors

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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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