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## Distribution Grids Modernization

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Deadline for manuscript  
submissions:

**closed (31 December 2020)**

### Message from the Guest Editors

The modernization of power distribution systems is key to facilitate the take-up of low carbon and energy-saving initiatives being fostered around the world. Modernization will encompass new planning and operational concepts, tools, and technologies needed to monitor, analyze, control, and protect the grid of the future. The distribution grid of the future will need to deal with the new electric vehicles and heat pump loads, a massive distributed generation in-feed, and the active response from prosumers with storage capabilities, among other possible interactions.

The purpose of this Special Issue is to bring together contributions from researchers and professionals involved in various grid modernization initiatives around the world, focusing on contributions that seize the opportunities provided by smart meters and future ICT deployment and make use of the new technologies available for automatic grid reconfiguration, active power-flow, and voltage control, self-healing, and advanced protections. Contributions may be both of fundamental and applied nature, including industrial case studies.



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# 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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