



Advanced Applications for Smart Energy Systems Considering Grid-Interactive Demand Response

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Message from the Guest Editor

Dear Colleagues,

For this Special Issue of the journal *Applied Sciences*, authors are invited to submit manuscripts covering applied research on smart energy systems, smart grids, smart energy homes, smart energy products and services, and the advanced applications thereof, in the context of demand response and grid interactions. The aim of this Special Issue is to encourage scientists to publish their experimental and theoretical results in as much detail as possible, such that they can be reproduced. There is no restriction on the length of the papers. In particular manuscripts reporting about interdisciplinary research results which combine technical, social, environmental and economic aspects of smart energy systems are appreciated. Moreover, results based on the evaluation of real life cases, energy pilots, prototypes of smart energy products and end user surveys and interviews are welcomed. If possible, a validation of simulated results should be included in a manuscript.





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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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