

## Special Issue

# Demand-Response in Smart Buildings

### Message from the Guest Editors

We would like to invite you to contribute to a Special Issue, entitled “Demand-Response in Smart Buildings”. Demand response (DR) is a reduction in demand designed to reduce peak load or avoid system emergencies. Hence, it can be more cost-effective than adding generation capabilities to meet the peak and/or occasional demand spikes. The underlying objective of DR is to actively engage customers in modifying their consumption in response to pricing signals. Demand response is expected to increase energy market efficiency and security of supply, which will ultimately benefit customers by way of options for managing their electricity costs leading to reduced environmental impact. This Special Issue is focusing on the coupling of demand response with smart buildings and communities with the aim of covering alternative demand response approaches, case study analyses, research trends and necessary transformations in smart buildings and communities to be able to successfully implement demand response.

### Guest Editors

Prof. Dr. Dionysia Kolokotsa  
Dr. Gloria Pignatta  
Dr. Kostas Gobakis

### Deadline for manuscript submissions

closed (20 May 2019)



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## About the Journal

### 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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### Editor-in-Chief

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