



## Energy Demand and Small Scale Renewable Energy Applications

Guest Editor:

**Prof. Dr. George Xydis**

Department of Business  
Development and Technology  
(BTECH/AU Herning), Aarhus  
University, Engineering &  
Technology Research Group–  
EngTech, Center for Energy  
Technologies–CET, Birk  
Centerpark 15, 7400 Herning,  
Denmark

Deadline for manuscript  
submissions:

**closed (30 September 2019)**

### Message from the Guest Editor

Dear Colleagues,

The scope of this Special Issue is to explore how new applications influence electricity market participation; how prosumers influence trading prices; how energy demand alterations affects end users; and how various flexible loads, “unborn” markets, and crosslinks could eventually lead to an integrated, exergetically-evaluated, and more efficient energy system. Some of the key focus areas include (but are not limited to) the following:

- The need for participation in the market by all consumers via smart platforms, under various demand-response programs
- Transformative, multi-value markets that could create new business areas
- Multiple-revenue stream approaches for microgeneration
- Microgeneration and decentralized energy management planning

Prof. Dr. George Xydis

*Guest Editor*





# energies



an Open Access Journal by MDPI

## 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.

## Author Benefits

**Open Access:** free for readers, with article processing charges (APC) paid by authors or their institutions.

**High Visibility:** indexed within Scopus, SCIE (Web of Science), Ei Compendex, RePEc, Inspec, CAPlus / SciFinder, and other databases.

**Journal Rank:** CiteScore - Q1 (Control and Optimization)

## Contact Us

---

*Energies* Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
[www.mdpi.com](http://www.mdpi.com)

[mdpi.com/journal/energies](http://mdpi.com/journal/energies)  
[energies@mdpi.com](mailto:energies@mdpi.com)  
[X@energies\\_mdpi](https://twitter.com/energies_mdpi)