

## Special Issue

# Integration of Renewable Technologies in Water, Electricity, Heating and Cooling Networks

### Message from the Guest Editors

The dramatic increase in the utilization of non-programmable renewable energy technologies determined a number of positive effects, such as energy diversification, reduction of pollutant emissions, development of local green economies. On the other hand, the large non-programmable amount of renewable energy delivered to the grid poses severe issues in terms of the management of excess energy and balance between demand and supply. In this framework, a novel and more intense attention has to be paid to energy planning activities, in order to select the optimal mix between renewable and fossil technologies, meeting the demands of the user, and allowing one to achieve an optimal balance of the networks. Thus, a scientific approach is required in order to design and analyze, from energy, environmental and economic points of view, the integration of renewable technologies in energy and water networks.

### Guest Editors

Prof. Dr. Francesco Calise  
Prof. Dr. Massimo Dentice D'Accadia  
Prof. Dr. Antonio Piacentino

### Deadline for manuscript submissions

closed (15 January 2018)



## Energies

an Open Access Journal  
by MDPI

Impact Factor 3.2  
CiteScore 7.3



[mdpi.com/si/7949](https://mdpi.com/si/7949)

*Energies*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[energies@mdpi.com](mailto:energies@mdpi.com)

[mdpi.com/journal/  
energies](https://mdpi.com/journal/energies)





# Energies

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.2  
CiteScore 7.3



[mdpi.com/journal/  
energies](https://mdpi.com/journal/energies)



## 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.

---

### Editor-in-Chief

Prof. Dr. Enrico Sciubba  
Department of Mechanical and Industrial Engineering, University  
Niccolò Cusano, 00166 Roma, Italy

---

### 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)