

Special Issue

The Use of Renewable Energy in the Protection and Restoration of Surface Waters and Wetlands

Message from the Guest Editors

A significant proportion of surface water has reached a high degree of eutrophication. Implementing protective treatments often becomes insufficient. Increasingly, scientists are coming to the conclusion that water restoration should be carried out in a sustainable manner using only pro-ecological methods that are safe for aquatic ecosystems. The use of renewable energy in the protection and restoration of surface waters and wetlands is becoming a growing trend, but above all, a necessity. The aim of this Special Issue is to systematize the latest knowledge regarding the use of renewable energy in processes related to water protection and restoration. Areas of interest include:

- Solar energy in the process of protection and restoration of surface waters and wetlands.
- Wind energy in the process of protection and restoration of surface waters and wetlands.
- The impact of solar energy on the biodiversity of aquatic ecosystems.
- The use of renewable energy in the process of artificial aeration of surface waters.
- The use of natural biological processes (in the context of renewable energy) in the restoration of surface waters and wetlands.

Guest Editors

Dr. Andrzej Osuch
Dr. Ewa Osuch
Prof. Dr. Anna Kozak

Deadline for manuscript submissions

closed (20 May 2026)



Energies

an Open Access Journal
by MDPI

Impact Factor 3.2
CiteScore 7.3



mdpi.com/si/192188

Energies
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
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)