

## Special Issue

# Applications of Electrochemical Technology in Wastewater Treatment and Seawater Desalination

### Message from the Guest Editors

Extensive efforts are underway to enhance wastewater treatment technologies and implement seawater desalination, aiming to protect surface water quality and create new sources of drinking water. Electrochemical technologies are attracting increasing interest due to their straightforward operation with simple and easy-to-use equipment. Compared to traditional methods, they are preferred for their high pollutant removal efficiency and environmental friendliness. This Special Issue on "Applications of Electrochemical Technology in Wastewater Treatment and Seawater Desalination" aims to present the latest advancements in electrochemical technologies for wastewater treatment and seawater desalination through high-quality papers. Topics include, but are not limited to, the following:

- Development and application of new electrode materials/electrocatalysts;
- Electrochemical advanced oxidation processes (EAOPs);
- Construction, testing, and optimization of new reaction systems;
- Mechanism and kinetic studies;
- Toxicological studies.

---

### Guest Editors

Dr. Tanja Brdaric

Department of Physical Chemistry, VINCA Institute of Nuclear Sciences-National Institute of the Republic of Serbia, University of Belgrade, Mike Petrovica Alasa 12-14, 11000 Belgrade, Serbia

Dr. Danka Aćimović

Department of Physical Chemistry, VINCA Institute of Nuclear Sciences-National Institute of the Republic of Serbia, University of Belgrade, Mike Petrovica Alasa 12-14, 11000 Belgrade, Serbia

---

### Deadline for manuscript submissions

31 August 2026



## Processes

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.8  
CiteScore 5.5



[mdpi.com/si/218284](https://mdpi.com/si/218284)

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

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





# Processes

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.8  
CiteScore 5.5



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



## About the Journal

### Message from the Editor-in-Chief

You are invited to contribute either a research article or a comprehensive review for consideration and publication in *Processes* (ISSN 2227-9717). *Processes* is published in open access format – research articles, reviews, and other content are released on the internet immediately after acceptance. The scientific community and the general public have unlimited, free access to the content. As an open access journal, *Processes* is supported by the authors and their institutes through the payment of article processing charges (APCs) for accepted papers. We would be pleased to welcome you as one of our authors.

---

### Editor-in-Chief

Prof. Dr. Giancarlo Cravotto  
Department of Drug Science and Technology, University of Turin, Via P.  
Giuria 9, 10125 Turin, 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, Inspec, AGRIS, and other databases.

#### Journal Rank:

CiteScore - Q2 (Chemical Engineering (miscellaneous))