



## Application of Radiation in Wastewater Treatment

Guest Editors:

**Dr. Sandra Cabo Verde**

Centro de Ciências e Tecnologias Nucleares (C2TN), Instituto Superior Técnico, Universidade de Lisboa, 2695-066 Loures, Portugal

**Dr. Joana Madureira**

Centro de Ciências e Tecnologias Nucleares (C2TN), Instituto Superior Técnico, Universidade de Lisboa, 2695-066 Loures, Portugal

Deadline for manuscript submissions:

**20 September 2024**

### Message from the Guest Editors

This Special Issue aims to present recent advances in the research and applications of ionizing radiation in treating municipal and industrial wastewaters, alone or in combination with other processes. Among other topics, we welcome the submission of papers that address the optimized treatment conditions/methodologies employed for the degradation of pollutants and their reaction mechanisms, kinetic modelling, the inactivation of microorganisms, and toxicity assessment and economic evaluation, involving experimental and pilot-scale applications.

In this context, we welcome the submission of original, communication and review articles addressing the feasibility and sustainability of this technology.





an Open Access Journal by MDPI

## Editor-in-Chief

**Prof. Dr. Giulio Nicola Cerullo**

Dipartimento di Fisica,  
Politecnico di Milano, Piazza L.  
da Vinci 32, 20133 Milano, Italy

## Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

## 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), Inspec, CAPlus / SciFinder, and other databases.

**Journal Rank:** JCR - Q2 (*Engineering, Multidisciplinary*) / CiteScore - Q1 (*General Engineering*)

## Contact Us

---

Applied Sciences Editorial Office  
MDPI, St. Alban-Anlage 66  
4052 Basel, Switzerland

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

[mdpi.com/journal/applsci](http://mdpi.com/journal/applsci)  
[applsci@mdpi.com](mailto:applsci@mdpi.com)  
[X@Applsci](https://twitter.com/Applsci)