

# Special Issue

## Chemical and Microbiological Analyses of Wastes, Effluents and Materials

### Message from the Guest Editors

Analytical chemistry, in particular, is constantly striving to improve and revolutionize the established analytical methods by enabling the analysis of increasingly complex samples. On the other hand, microbiological characterization together with the development of biotechnology, has enabled increasingly better knowledge of the physiology, metabolism and genetics of microorganisms both for their application and for the control of potentially pathogenic microorganisms. This Special Issue seeks high-quality research focusing on the latest novel advances in chemical and microbiological characterization processes and techniques. Topics include, but are not limited to, the following:

- The detection of trace chemical and microbiological emerging contaminants;
- Rapid, real-time, process-integrated analysis techniques;
- The assessment of investigated processes for chemical and microbiological characterization using a holistic approach;
- The environmental sustainability of analytical methodologies (e.g., green chemistry);
- Biodegradability assessment.

### Guest Editors

Dr. Roberta Guzzinati

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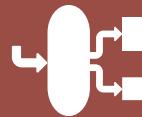
Dr. Luigi Scuibba

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### Deadline for manuscript submissions

20 April 2026



## Processes

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### 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.

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