Special Issue

Advances in Rheology, Biodegradability and Mechanical Properties of Polymers

Message from the Guest Editors

Due to their diverse properties and applications, polymers play a crucial role in various industries. Understanding and improving polymers' rheological, biodegradable, and mechanical properties is essential for their efficient and sustainable use. Advances in these areas contribute significantly to developing innovative materials with enhanced performance and reduced environmental impact.

This Special Issue entitled "Advances in Rheology, Biodegradability and Mechanical Properties of Polymers" includes research exploring polymer systems' properties. It covers a wide range of topics, including but not limited to:

- Experimental data of rheological properties.
- Mechanism, enhancement, and acceleration of polymer biodegradability.
- Optimization of mechanical properties for specific applications.

By addressing these critical aspects, this issue aims to advance the knowledge and application of polymers, promoting the development of materials that are not only high-performing but also environmentally friendly.

Guest Editors

Dr. Mónica Elvira Mendoza-Duarte

Engineering and Chemistry of Materials, Centro de Investigación en Materiales Avanzados, CIMAV, Chihuahua C.P. 31136, Mexico

Dr. Bruno Felipe Urbano Cantillana

Polymer Department, Universidad de Concepción, Concepción, Chile

Deadline for manuscript submissions

15 November 2025

Processes

an Open Access Journal by MDPI

Impact Factor 2.8
CiteScore 5.5

mdpi.com/si/211402

Processes
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
processes@mdpi.com

mdpi.com/journal/processes

Processes

an Open Access Journal by MDPI

Impact Factor 2.8
CiteScore 5.5

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))