

## Special Issue

# Recent Advances in Additive Manufacturing and 3D Printing

### Message from the Guest Editors

This Special Issue on 'Recent Advances in Additive Manufacturing and 3D Printing' aims to explore the latest innovations, materials, and methodologies in 3D printing. This Special Issue will cover a range of topics from new materials development, such as hybrid nanocomposites, biobased materials, and biocompatible polymers, to advanced printing techniques like multi-material and large-scale 3D printing. The emphasis will be on applications across various industries, including aerospace, healthcare, and sustainable manufacturing. This collection seeks to highlight the transformative impacts and emerging trends shaping the future of additive manufacturing.

---

### Guest Editors

Dr. Irshad Khilji

Conn Center for Renewable Energy Research, University of Louisville,  
Louisville, KY 40292, USA

Dr. Jagannadh Satyavolu

Conn Center for Renewable Energy Research, University of Louisville,  
Louisville, KY 40292, USA

---

### Deadline for manuscript submissions

31 July 2025



## Processes

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.8  
CiteScore 5.5



[mdpi.com/si/223816](https://mdpi.com/si/223816)

*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))