

Special Issue

Recent Advances in Applied Activated Carbon Research

Message from the Guest Editor

This Special Issue is devoted to the most recent advances and achievements in the field of applied activated carbon research. Welcome are contributions to novel application technologies such as more sustainable adsorbers and multi-stage fluidized bed reactors, as well as the biological regeneration of activated carbon and new products including biochars and carbon molecular sieve membranes. Clean product development methods and strategies in chemical, water and biogas engineering are welcome, and environmental monitoring methods and the results of the water and gas phases are of interest. The Special Issue will have two sections: fundamentals and recent research advances. In section one, a third of the articles may comprise teaching papers, handbooks, short communications from the community and review articles to explain the basic applications, technologies, processes, methods and material characteristics to readers from different backgrounds. The other two thirds of the articles should be technical and full research papers focusing on advanced topics characterized by the keywords found below.

Guest Editor

Prof. Dr. Miklas Scholz

1. Department of Civil Engineering Science, School of Civil Engineering, and the Built Environment, Faculty of Engineering and the Built Environment, University of Johannesburg, Kingsway Campus, P.O. Box 524, Auckland Park 2006, Johannesburg, South Africa
2. Directorate of Engineering the Future, School of Science, Engineering and Environment, The University of Salford, Newton Building, Greater Manchester M5 4WT, UK
3. Department of Town Planning, Engineering Networks and Systems, South Ural State University (National Research University), 76, Lenin Prospekt, Chelyabinsk 454080, Russia
4. Nexus by Sweden, Skepparbacken 5, 722 11 Västerås, Sweden

Deadline for manuscript submissions

closed (31 December 2024)



Technologies

an Open Access Journal
by MDPI

Impact Factor 3.6
CiteScore 8.5



mdpi.com/si/184034

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

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





Technologies

an Open Access Journal
by MDPI

Impact Factor 3.6
CiteScore 8.5



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



About the Journal

Message from the Editor-in-Chief

Technologies, provides a single focus for reporting on developments of all technologies, regardless of their application. It is our intention that *Technologies* becomes the journal of choice for both researchers wanting to publish their work and technologists wishing to exploit the high quality research across a wide range of potential applications. Through its open access policy, its quick publication cycle, *Technologies* will facilitate the rapid uptake and development of the research presented, ultimately providing benefit to the wider society.

Editor-in-Chief

Prof. Dr. Manoj Gupta

Department of Mechanical Engineering, National University of
Singapore, Singapore 117576, Singapore

Author Benefits

High Visibility:

indexed within ESCI (Web of Science), Scopus, Inspec, Ei
Compendex, INSPIRE, and other databases.

Journal Rank:

JCR - Q1 (Engineering, Multidisciplinary) / CiteScore - Q1
(Computer Science (miscellaneous))

Rapid Publication:

manuscripts are peer-reviewed and a first decision is
provided to authors approximately 21.8 days after
submission; acceptance to publication is undertaken in 3.9
days (median values for papers published in this journal in
the first half of 2025).