



Activated Carbon in Contaminant Removal

Guest Editors:

Prof. Dr. David W. Mazyck

Environmental Engineering
Sciences, University of Florida,
Gainesville, FL 32611, USA

Dr. Amy Borello Gruss

Department of Civil and
Construction Engineering,
Environmental Engineering,
Kennesaw State University, 655
Arnston Drive, Room L-158, MD
9055, Marietta, GA 30060, USA

Dr. Emily K. Faulconer

Department of Stem Education,
College of Arts and Sciences,
Worldwide College of Arts &
Sciences, 1 Aerospace Boulevard,
Daytona Beach, FL 32114, USA

Deadline for manuscript
submissions:

closed (20 November 2021)

Message from the Guest Editors

Activated carbon has been successfully applied for the removal of organic and inorganic contaminants for several decades, and advancements in activated carbons are similarly occurring. Worldwide, environmental regulations are tightening, and activated carbon is commonly the best available technology for these applications. One particular class of compounds include perfluorooctanoic acid (PFOAs), and perfluorooctanesulfonic acid (PFOS) is of particular interest, while pharmaceuticals, inorganics such as mercury, and taste- and odor-causing compounds likewise are globally present.

This Special Issue on “Activated Carbon in Contaminant Removal” seeks high-quality works focusing on recent applications of activated carbons, particularly addressing the compounds listed above. Topics include but are not limited to:

- Comparisons of activated carbons from different raw materials;
- Impacts of thermal reactivation on subsequent adsorption;
- Theoretical modeling to predict adsorption;
- Advancement in activated carbon characterization.





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Giancarlo Cravotto

Department of Drug Science and
Technology, University of Turin,
Via P. Giuria 9, 10125 Turin, Italy

Message from the Editor-in-Chief

Processes (ISSN 2227-9717) provides an advanced forum for process/system-related research in chemistry, biology, material, energy, environment, food, pharmaceutical, manufacturing and allied engineering fields. The journal publishes regular research papers, communications, letters, short notes and reviews. Our aim is to encourage researchers to publish their experimental, theoretical and computational results in as much detail as necessary. There is no restriction on paper length or number of figures and tables.

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: JCR - Q2 (*Engineering, Chemical*) / CiteScore - Q2 (*Chemical Engineering (miscellaneous)*)

Contact Us

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

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/processes
processes@mdpi.com
[X@Processes_MDPI](https://twitter.com/Processes_MDPI)