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Activated Carbon in Contaminant Removal

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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.

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Message from the Editor-in-Chief

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