

## Special Issue

# Regeneration of Adsorbent by Catalytic Process II

### Message from the Guest Editors

This Special Issue is a continuation of the previous successful Special Issue “Regeneration of Adsorbent by Catalytic Process”. Adsorption has become an interesting approach for the removal of pollutants and micropollutants of different nature in aqueous and gaseous streams. This process has several advantages, such as its easy handling and efficiency. However, huge quantities of spent adsorbents are generated, and these solids become an environmental problem in themselves. At present, the typical treatments for these hazardous solids (e.g., incineration) preclude their reuse. This increases the cost of the processes and it is not environmentally friendly. Consequently, the synthesis of effective adsorbents that can be regenerated, and the regeneration of the adsorbents by efficient processes have become a solution for this environmental concern. This Special Issue is focused on the presentation of different approaches related to this issue, centering the attention on the catalytic processes used for the regeneration of the adsorbents.

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### Deadline for manuscript submissions

closed (30 December 2022)



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