



New Adsorbent Materials and Chelating Agents for the Removal/Sequestration of Water Pollutants

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Message from the Guest Editors

Dear Colleagues,

This Special Issue aims to highlight the knowledge of new adsorbent materials and sequestering agents able to remove/sequester organic and inorganic pollutants from waters.

The development of new technologies for the treatment of polluted waters is a crucial topic for both developed and developing countries, and involves a great number of scientists worldwide.

Toxic metal ions, hydrocarbons, pesticides, drugs, and dyes are some of the most common pollutants found at different concentration levels in wastewaters, and in different water bodies near industrialized and urban areas. A great challenge for scientists involved in this research area is the setting up of an environmentally sustainable technique capable of removing the pollutant, or, in any case, to reduce or eliminate its toxic effects towards humans, animals and plants. In this contest, the use of new adsorbent materials and sequestering agents able to selectively bind the pollutants from contaminated waters seems to be two valid solutions to the problem.





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