

Special Issue

Upcycling Process of Chemical Waste: A Contribution for Circular Economy

Message from the Guest Editor

Today, the scientific community faces crucial challenges in delivering a healthier world for future generations. Among these, the quest for circular and sustainable approaches to materials recycling is one of the most demanding for several reasons. Indeed, the massive use of chemical materials over the last century has generated large amounts of long-lasting waste, which has not been the object of adequate recovery and disposal politics for a long time. Significant breakthroughs in the field of reuse and recycling of materials have been achieved in recent years. This Special Issues will focus on:

- Processing of recycled material wastes;
- Upcycling methods, including mechanical, biotech, and chemical/pyrolysis recycling;
- Material wastes, including polymers, rubber, batteries, electronic materials, semiconductors, etc.

Guest Editor

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