

# Waste Water Recovery and Recycling: Effects on Soil and Water Environments

## Guest Editors:



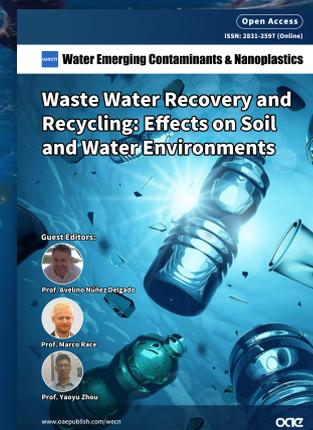
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## Special Issue Introduction:

Due to the huge amount of wastewater generated all over the world, and considering the health and environmental risks associated with this issue, there is a desperate need to investigate alternatives to promote the recovery and recycling of these polluted liquids. Classical procedures may be further studied to improve it, while new ones could be proposed and progressively tested at laboratory, pilot and field scales. All this could constitute interesting new research and help solve the overall problem. In addition, treated wastewater, after recycling, may reach soil and waterbodies, where it could cause various effects that should be investigated. From irrigation to direct dumping into watercourses, the various alternatives to define a final destiny for treated wastewater would merit detailed attention in order to perform an exhaustive assessment of the overall process. Emerging contaminants, nanoplastics, and any other kind of pollutants contained in wastewater, before and after treatment in wastewater treatment plants and/or through complementary/alternative procedures, should be considered when planning the assessment of the eventual effects of the various alternatives that could be proposed to recover/recycle these effluents. With this Special Issue entitled "Waste Water Recovery and Recycling: Effects on Soil and Water Environments", the editors hope to encourage that interested researchers to shed further light on the subject, which would be highly appreciated.

We welcome original or review manuscripts, perspectives, opinions, and commentary on different aspects and latest developments to this special issue, including but not limited to:

1. Emerging pollutants in wastewater
2. Nanoplastics in wastewater
3. Emerging pollutants in the soil solution
4. Nanoplastics in the soil solution
5. Other priority pollutants in soils
6. Transport of emerging pollutants in soils
7. Transport of nanoplastics in soils
8. Effects of emerging pollutants on the soil microbiota
9. Effects of nanoplastics on the soil microbiota
10. Effects of other priority pollutants in the soil microbiota
11. Effects of emerging pollutants and nanoplastics on other living organisms present in the soil
12. Effects of emerging pollutants, nanoplastics and other priority pollutants on water living organisms

**Submission Deadline: 1 Apr 2023**

## Benefits to Authors:

- The APCs (\$600) will be WAIVED;
- Enjoy faster publication than regular submissions;
- Authors will be invited as Guest Speakers to our journal webinars. The webinar will be held via Zoom and it will also be broadcast live on Youtube and the Chinese WeChat Official Account, Video Account, Bilibili;
- A special interview will be provided to authors and will be promoted on the journal homepage and all media promotion platforms of both journals and our publisher.