

Special Issue

Sustainable Shift to Circular Solutions for Water and Waste Management

Message from the Guest Editor

There are already a number of innovations and promising research results but the accumulated knowledge is still insufficient to guarantee safe transition to circular systems. This Special Issue on “Sustainable shift to circular solutions for water and waste management” aims to curate novel advances on how circular systems should be designed, adapted, operated and monitored to get closer to safe zero-waste economy. Topics include but are not limited to:

- Safe shift from linear to circular urban water supply and sewerage systems: challenges and solutions;
- Innovative technologies in water and waste management leading to usable and safe end-products and other co-benefits;
- Biomass and waste conversion processes and technologies for energy or compost;
- Sustainable and safe construction and demolition waste management;
- Control and biocontrol of circular processes, resources and end-products in water and waste management.

Keywords

- biomass and waste conversion processes
- circular urban water and sewerage systems
- control and biocontrol
- construction and demolition waste
- design and operation
- safe zero-waste economy

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