





an Open Access Journal by MDPI

# **Municipal Wastewater Treatment and Removal of Micropollutants**

Guest Editors:

#### Prof. Dr. Jan Derco

Department of Environmental Engineering, Institute of Chemical and Environmental Engineering, Slovak University of Technology, Bratislava 81237, Slovakia

## Prof. Dr. Andreja Žgajnar Gotvajn

Department of Chemical Engineering and Technical Safety, Facuty of Chemistry and Chemical Technology, University of Ljubljana, Večna pot 113, SI-1000 Ljubljana, Slovenia

### Dr. Angelika Kassai

Water Research Institute, Slovak National Water Reference Laboratory, Department of Basic and Inorganic Chemistry, Nábr. arm. gen. L. Svobodu 5, 812 49 Bratislava, Slovakia

# **Message from the Guest Editors**

The removal of macronutrients and micropollutants is one of the most pressing problems of municipal wastewater treatment. Both categories of pollutants are characterized by their seriousness in terms of the protection of human health and the protection of the environment. A common feature is also a large amount of treated wastewater. However, they differ in the variety of pollutants and their concentration values. These specifics are reflected in the applied processes and treatment technologies. The dominant ones include biological processes and their combination with other processes. With extensive applications and significant progress in technological practice, effective procedures and technologies have been developed for the removal of macronutrient N and P from municipal wastewater. The main challenges for their further development include intensification and reduction in material and energy inputs.

Deadline for manuscript submissions:

31 August 2024



Specialsue







an Open Access Journal by MDPI

## **Editor-in-Chief**

# **Prof. Dr. Giancarlo Cravotto**Department of Drug Science and

Department of Drug Science and Technology, University of Turin, Via P. Giuria 9, 10125 Turin, Italy

## **Message from the Editor-in-Chief**

Processes (ISSN 2227-9717) provides an advanced forum for process/system-related research in chemistry, biology, material, energy, environment, food, pharmaceutical, manufacturing and allied engineering fields. The journal publishes regular research papers, communications, letters, short notes and reviews. Our aim is to encourage researchers to publish their experimental, theoretical and computational results in as much detail as necessary. There is no restriction on paper length or number of figures and tables.

#### **Author Benefits**

**Open Access:** free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility: indexed within Scopus,

SCIE (Web of Science), Ei Compendex, Inspec, AGRIS, and other databases.

**Journal Rank:** JCR - Q2 (*Engineering, Chemical*) / CiteScore - Q2 (*Chemical Engineering (miscellaneous*))

#### **Contact Us**