



## Resource Recovery from Wastewater

Guest Editors:

**Dr. Daniel Puyol**

Department of Chemical and Environmental Technology, ESCET, Universidad Rey Juan Carlos, 28933, Móstoles, Madrid, Spain

**Prof. Dr. Angel F. Mohedano**

Department of Chemical Engineering, Autonomous University of Madrid, Campus de Cantoblanco, 28049 Madrid, Spain

Deadline for manuscript submissions:

**closed (31 July 2021)**

### Message from the Guest Editors

The circular economy implies concepts like re-source, re-make and re-think, which are all focused on creating new value to what we consider as waste today. Wastewater is an enormous source of organic and inorganic components. The use of this source as a feedstock in full-scale plants is a current paradigm of the circular economy in wastewater management. These plants must be viewed as biorefineries instead of merely “decontamination” plants; thus, the concept may enter into the productive system. This in turn would reduce operative costs and may increase the price of the products that can be sourced from wastewater, increasing their competitiveness. Organics, inorganics and chlorine-based disinfectants can be a source to feed the chemical, petrochemical, pharmaceutical, food, and agriculture industries, among others. This Special Issue is focused on all the technologies that can be capable of resource recovery from any kind of wastewater source. Special emphasis is devoted to those technologies that are currently at a high technological readiness level, thereby including their real applicability through techno-economic analysis and life cycle analysis.





an Open Access Journal by MDPI

## Editor-in-Chief

### Prof. Dr. Benjamin McLellan

Graduate School of Energy  
Science, Kyoto University,  
Yoshida-honmachi, Sakyo-ku,  
Kyoto 606-8501, Japan

## Message from the Editor-in-Chief

Responsible prosperity is underpinned by sustained access to resources. *Resources*, publishes excellent science and scholarship which transforms understanding, practices and policies for conserving all natural resources—from water, land and air; to plant and animal biodiversity; to minerals and energy and their interconnection across scales. Significantly, we invite high quality submissions from natural and social sciences.

Build impact from your research by submitting to *Resources*, an open-access journal connecting you with data, insights, ideas and evidence needed to shape a better world.

## Author Benefits

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

**High Visibility:** indexed within Scopus, ESCI (Web of Science), GeoRef, PubAg, AGRIS, RePEc, and other databases.

**Journal Rank:** JCR - Q2 (*Environmental Sciences*) / CiteScore - Q1 (Nature and Landscape Conservation)

## Contact Us

---

Resources Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
[www.mdpi.com](http://www.mdpi.com)

[mdpi.com/journal/resources](http://mdpi.com/journal/resources)  
[resources@mdpi.com](mailto:resources@mdpi.com)  
[X@resources\\_mdpi](https://twitter.com/resources_mdpi)