



## Ecology of Wastewater Treatment for Sustainable Water Resource Use

Guest Editor:

**Prof. Dr. Isabel Martínez-Alcalá**

Department of Civil Engineering,  
Catholic University of San  
Antonio, Campus de Los  
Jeronimos s/n, 30107 Guadalupe,  
Murcia, Spain

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### Message from the Guest Editor

All wastewater treatment plants rely on living organisms to break down biological and chemical wastes. However, in recent years, the number of chemical residues detected in the water has increased steadily. Water quality monitoring has shown that the levels of some of them remain constant despite wastewater treatment. In addition, there is growing evidence to suggest that the pressures we face may be underestimated, especially for the presence of persistent substances that may be leaking into influents and accumulating in food chains. Therefore, knowledge of the ecology involved in wastewater treatment is essential for proper removal of these products and to achieve high quality water.

This topic will collect the latest findings of researchers in this field, in order to provide important information for a better understanding of the processes involved in the ecology of WWTPs and to point out directions for further research to overcome this type of pollution.





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### **Prof. Dr. Marc A. Rosen**

Faculty of Engineering and  
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Ontario Institute of Technology,  
Oshawa, ON L1G 0C5, Canada

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*Sustainability* Editorial Office  
MDPI, Grosspeteranlage 5  
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