

Special Issue

Removal of Emerging Pollutants from Wastewater Effluent

Message from the Guest Editor

Contaminants of emerging concern (CEC) are chemicals generally generated by anthropogenic activities that are not currently regulated even if they can cause significant environmental impacts. In view of their potential impact on the water bodies without an efficient treatment, the design of novel technologies aiming at removing those contaminants during wastewater treatment may be of great concern regarding the chemical quality of water bodies worldwide. In this Special Issue, we invite papers presenting research findings in the development of innovative technologies for the removal of CEC (such as pharmaceuticals, pesticides, and illicit drugs, among others) from wastewater effluent. Beyond the scientific novelty of the suggested technologies (e.g., adsorption, biodegradation, advanced oxidation processes), the authors should emphasize the potential to implement their technology in full-scale facilities operating under realistic conditions of liquid effluent treatment. Both laboratory and pilot-scale experimental works may be considered, but the inclusion of operational parameters (matrix, flow) is mandatory, at least as perspectives.

Guest Editor

Dr. Thomas Thiebault

Ecole Pratique des Hautes Etudes, PSL Research University, UMR METIS 7619 Sorbonne Université/CNRS/EPHE 4 place Jussieu, 75252 PARIS Cedex 05, France

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Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
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Editor-in-Chief

Prof. Dr. Marc A. Rosen

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

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