

Special Issue

Sustainable Wastewater Treatment and Reuse: Emerging Pollutants Behaviour and Removal

Message from the Guest Editor

Water scarcity and pollution are not isolated issues but global challenges affecting many countries, particularly those with limited water resources. In response, growing interest has been in developing and enhancing wastewater treatment technologies to meet safety discharge limits, especially for reuse. As a result, water reuse now makes an important contribution to water supply, and a range of technologies are used in different parts of the world. Important challenges for the field of wastewater treatment and reuse that could contribute to the scope of the current Special Issue include (but are not limited to): (a) new developments in wastewater treatment and reuse, (b) appropriate technologies for different emerging pollutants removal, (c) behaviour, removal and fate of emerging pollutants during water treatment processes, (d) integrated approaches to reduce different pollutants, (e) water reuse for agricultural irrigation and emerging pollutants (cases of study, soil and bioaccumulation, etc.), (f) safe wastewater reclamation and reuse, (g) wastewater treatment and emerging pollutants in developing countries and (h) new developments in respective policy and regulations.

Guest Editor

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Editor-in-Chief

Prof. Dr. Steve W. Lyon

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