Special Issue

Emerging Contaminants Removal from Wastewater

Message from the Guest Editor

Taking into account the increase in the concentration of POPs (EDCs, emerging contaminants, etc.) in the environment, scientific analysis should be extended. In this scientific area, investigations into the identification and determination of scale of environmental hazards are required. It is also important to develop efficient methods of elimination of these compounds from wastewater and protection of surface, groundwater, and water organisms from contaminants. In processes such as adsorption, coagulation, or membrane, the removal of pollutants takes place, whereas during advanced oxidation methods, chemical and photochemical processes result in the degradation of organic compounds. At present, special attention is paid to the development of novel adsorbents, coagulants, and membranes made of materials of higher efficiency, retention ability, persistent to fouling and able to regenerate. Moreover, studies tend to develop technological parameters of processes carried out in integrated systems consisting of a few unit processes characterized by higher efficiency.

Guest Editor

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Message from the Editor-in-Chief

In the context of global changes, the sustainable management of water cycles, going from global and regional water cycles to urban, industrial and agricultural water cycles, plays a very important role on the water resources and on their relationships with food, energy, biodiversity, ecosystem functioning and human health. *Water* invites authors to provide innovative original full articles, critical reviews and timely short communications and to propose special issues devoted to new technological and scientific domains and to interdisciplinary approaches of the water cycles. We ensure a critical review process and a quick turnaround between submission and final decision.

Editor-in-Chief

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