

Special Issue

Contaminants of Emerging Concern in Soil and Water Environment

Message from the Guest Editors

Ordinarily, concerns about the impacts of chemicals on soil and water have focused on traditional chemicals such as nutrients, heavy metals, pesticides, and persistent organic pollutants (POPs). More recently, however, there has been an increasing concern about other chemicals, so-called contaminants of emerging concern (CECs), for which much additional research needs to be conducted regarding relevant analytics, environmental concentrations, legislation, and (eco)toxicological effects. Even the definition of CECs has yet reach a consensus, but the term is usually used to refer to human and veterinary pharmaceuticals, nanomaterials, personal care products, hormones, and a wide range of industrial xenobiotics such as flame retardants and plasticizers. Ever greater amounts of CECs will be released into the environment in the future, and industrial R&D is far ahead of regulators and academia in this matter. It is very important that the science remain up-to-date, investigating this topic, helping regulators to protect the environment from potential problems associated with the presence of CECs.

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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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