Special Issue

Physical, Physicochemical and Functional Properties of Water Treated with Plasmas

Message from the Guest Editor

There are numerous research reports and presentations on the treatment of aqueous solutions and suspensions as well as water-containing species such as plants, food products, isolated microorganisms, even concrete, all of them containing water. Particular plasmas evoke several interesting changes of physical, physicochemical, and functional properties of treated materials. Undoubtedly, observed effects are associated with a building, reconstruction and ruining water macrostructure included therein. These processes depending on the type of plasma may result in microbiological sterilization of the treated material, but also in a stimulation of some microorganisms. [...] For further reading, please follow the link to the Special Issue Website at: https://www.mdpi.com/journal/water/special_issues/Plasmas_Water

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Deadline for manuscript submissions

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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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