Special Issue

The Interrelationship between Agricultural Activities, Water Quality and Human Health

Message from the Guest Editors

Agricultural activity is important for human survival. In general agriculture practices, water is introduced into farmland for irrigation with possible pesticide and fertilizer applications. Water is used for livestock breeding and aquaculture development. Agricultural practices may impact water quality. Improper agricultural activities increase the concentrations of nutrients, fecal coliforms, and sediment loads in water. Water pollution from agriculture has direct negative impacts on human health. To mitigate such a significant impact on the environment, efforts regarding investigations into: 1) smart agriculture practices for environmental sustainability;
2) nutrient cycles of agro-ecosystems;
3) pollution control for agriculture;
4) assessment and strategies for assuring agro-ecosystem sustainability; and
5) other related investigations that enhance the resource consumption efficiency and sustainable agriculture are welcome in this Special Issue. Hopefully, these studies will be able to build a linkage between agriculture practices and sustainable agro-ecosystems to achieve the ultimate goal of environmental sustainability.

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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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