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Mitigating the Impacts of Agricultural Water Pollution on River Ecology

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Message from the Guest Editor

Dear Colleagues,

Diffuse and point source pollution from agriculture are major drivers behind the degradation of freshwater systems, causing an array of detrimental economic and environmental impacts that threaten the ability of these systems to provide ecosystem services. Achieving reductions in agricultural water pollution requires changes in land management practices and the implementation of mitigation measures to tackle the principal reasons for water quality failure. This Special Issue of *Water* seeks to evaluate the extent to which on-farm mitigation measures can cost-effectively reduce the impacts of agricultural water pollution on river ecology while maintaining food production capacity. Contributions are invited across this theme and could include (but are not limited to) studies that evaluate the effectiveness of sediment, nutrient, or pesticide mitigation measures; studies that demonstrate the value of high-resolution monitoring for improving our understanding of hydrological and geochemical functioning and pollutant pathways;

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Editor-in-Chief

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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.

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