

Special Issue

Wetlands for the Treatment of Agricultural Drainage Water

Message from the Guest Editor

Agricultural drainages, such as irrigation waters from paddy fields, often carry nutrients and pesticides that cause eutrophication and bioaccumulation of endocrine disruptors in receiving waterways. The management and treatment of agricultural drainages present a significant technical challenge. Considered kidneys of the Earth, wetlands have had their unique water purification function recognised, and used for pollution control, for centuries. An increasing number of constructed wetlands are being built to treat various types of wastewaters and, somewhat, compensate for diminished natural wetland functions. This Special Issue aims to present the latest research in the use of natural or constructed wetlands in agricultural drainage management. Papers may report: (1) the efficiency of constructed wetlands to remove various pollutants from agricultural drainages; (2) innovative management of drainage waters for the restoration of degraded wetlands and/or protection of water environment; (3) models relevant to agricultural water discharge to wetlands; and (4) the fates of agricultural pollutants in the wetlands.

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

Dr. Jean-Luc PROBST

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