Special Issue

Water Allocation in Rural Area: Economic Influences and Better Management

Message from the Guest Editor

Limited water availability and its multiple uses indicate there will be a challenge on how to allocate water among major users in future. Many rural areas face both water quality and water quantity concerns, and these areas are also dependent on agriculture for livelihood. For example, crop production needs fertilizer, but fertilizer runoff can impact groundwater quality and increase treatment cost. Rural municipalities will need to provide quality water to their residents. Yet, rural municipalities are likely to face economic challenges related to building infrastructures to provide quality drinking water. Given the financial constraints of many rural municipalities, there is a need to receive support from federal and state governments to meet rural water quality and quantity needs. The recent incident of water quality concerns in Flint, Michigan, USA. There are also concerns about cybersecurity as small rural municipalities may not be able to defend water sources and wastewater treatment plants. This Special Issue invites papers dealing with the economics of water quality and water quantity as relevant to rural areas.

Guest Editor

Prof. Dr. Krishna Paudel

Department of Agricultural Economics and Agribusiness, Louisiana State University (LSU) and LSU Agricultural Center, Baton Rouge, LA 70803-5604, USA

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Water
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
water@mdpi.com

mdpi.com/journal/water

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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
Centre de Recherche sur la Biodiversité l'Environnement (CRBE) UMR CNRS/UPS/INPT/IRD, Centre National de la Recherche Scientifique (CNRS), University of Toulouse, Campus ENSAT, Auzeville Tolosane, Toulouse, France

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