Special Issue

Hydrological Processes in Agricultural Watersheds

Message from the Guest Editor

Hydrological processes in agricultural watershed issues are often very challenging. The pressures on agricultural water resources are increasing with different scales of watershed development involving ecological, pedological and hydrological consequences in river basins and groundwater aquifers, and water environment deterioration. All this leads to an increasing need to investigate the effects of different human activities and natural impacts on the hydrological processes; water environments such as land-use changes, climatic variability and climate change; and intensified water and fertilizer practices. Moreover economic, environmental, and social issues are considered more and more in water resource research. In this context, computer-based models can help to choose the right plans, designs, and policies to obtain the desired impacts. This Special Issue is focused on recent advances in models and methods for agricultural watersheds.

Guest Editor

Dr. Lin Lin

School of Water Resources and Hydropower Engineering, Wuhan University, Wuhan 430072, China

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

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Message from the Editor-in-Chief

Hydrology is the study of the waters of the Earth. *Hydrology* has close ties with hydraulics, hydrogeology and the multiple sciences that study the atmosphere, the land surface, the soil and the subsoil, and ranges from complex problems of risk, forecasting and optimization of water resources to interactions with ecological, urban, social and economic systems. The purpose of *Hydrology* is then to provide a journal where research results and real-world problems can be presented and discussed in order to bridge the traditional gaps between the academic world and the professionals and decision makers. Therefore, *Hydrology*, invites authors to submit their original theoretical, field, experimental, and numerical studies on hydrology with strong emphasis on multidisciplinary approaches and interdisciplinary topics, which cross the typical boundaries of our science.

Editor-in-Chief

Prof. Dr. Ezio Todini
Italian Hydrological Society, Piazza di Porta San Donato 1, 40126 Bologna, Italy

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