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

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