



Hydrology and Water Management in Agricultural Landscapes

Guest Editor:

Dr. Peter C. Beeson

Economic Research Service,
United States Department of
Agriculture, Washington, DC
20024, USA

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Message from the Guest Editor

Hydrology and water management in agricultural landscapes are complex and are supported by multidisciplinary efforts. These studies require large amounts of spatial and temporal data from many sectors. The scientific community has responded by advancing critical aspects of water movement, distribution, and quality. These advancements have been achieved by developing hydrologic models, understanding soil/plant/evapotranspiration dynamics, creating in situ observation networks, and improving remote sensing methods, to name a few.

For this Special Issue, contributions are solicited from basic science to addressing the following subject areas:

- Hydrologic modeling for accounting and forecasting;
- Sediment and nutrient transport off agricultural landscapes;
- Surface and subsurface drainage;
- Climate resiliency in agricultural landscapes;
- Cultivated soil health;
- Conservation practices' effectiveness and expansion;
- Storm water and waste water management;
- Wetlands and impoundments on the landscape;
- Remote sensing and GIS uses in agricultural landscapes;
- In situ monitoring and observation networks;
- Data mining and assimilation.

