



Hydrological Advances and Applications in Agricultural Lands

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Message from the Guest Editors

Understanding hydrological processes and managing water resources is becoming increasingly crucial in agroecosystems. To date, scientific advances in irrigated, water-limited, or rainfed agricultural production systems continue to understand the critical roles and mechanisms of hydrological processes in agricultural lands across different climates and spatial scales. New ideas in hydrological understanding and applications for sustainable agricultural land and water management are increasingly emerging worldwide.

This Special Issue intends to cover the state-of-the-art and recent scientific developments and to identify knowledge gaps and research challenges in different important and challenging aspects of hydrological understanding and applications to solve agricultural land and water management as well as environmental sustainability issues in agricultural production systems. All contributions or article types (original research, reviews, technical notes, and communication) providing recent discoveries and new insights into hydrological understanding for agricultural land and water conservation and management are encouraged.





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Message from the Editor-in-Chief

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