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Insight into Drip Irrigation

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Deadline for manuscript
submissions:

closed (1 March 2023)

Message from the Guest Editors

We encourage you to submit papers for an important Special Issue on drip irrigation. Drip irrigation has long been promoted as a promising way to address today's world water, food and poverty challenges. In most scientific and policy documents, drip irrigation is framed as a technological innovation with definitive intrinsic characteristics—efficiency, productivity and modernity. However, how drip irrigation technology can affect the water, carbon, nitrogen and energy flux, and the crop growth and efficiency at different scales are still a matter of great controversy across the world. Research on this topic is of great value for understanding the regulation mechanism of drip irrigation and the extension of the technology across the world.

Papers for this Special Issue should be focused on how drip irrigation affects crop transpiration, photosynthesis, soil evaporation, crop growth, etc., and how to improve water-use efficiency.

For more details, please find at:

https://www.mdpi.com/journal/water/special_issues/drip_irrigation

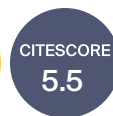


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Special Issue



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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.

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