Special Issue

Study of the Soil Water Movement in Irrigated Agriculture III

Message from the Guest Editors

In irrigated agriculture, the study of the various ways water infiltrates soils is necessary. In this respect, soil hydraulic properties, such as moisture retention curve (SMRC), diffusivity, and hydraulic conductivity functions, play a crucial role, as they control the infiltration process and the soil water and solute movement. [...]A comprehensive review of recent developments made in the various aspects of soil water movement in irrigated agriculture is welcome. The above may be presented in a number of research topics that tackle one or more of the following challenges:

- Irrigation systems and one-, two-, and three-dimensional soil water movement;
- One- and three-dimensional infiltration analysis from tension and mini disc infiltrometers;
- Dielectric devices for monitoring soil water content and methods for the assessment of soil water pressure head;
- Soil hydraulic properties and their temporal and spatial variability under irrigation situations[...]

For more details, please visit:
https://www.mdpi.com/journal/water/special_issues/HMJV59K309

Guest Editors

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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.

Editor-in-Chief

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