

Special Issue

Crop Production Response to Irrigation Methods in Semi-arid Regions

Message from the Guest Editors

In drought-prone areas, such as arid and semi-arid regions, the use of irrigation is a practice that can maximize agricultural crop production. However, due to the scarcity and expensiveness of water in these regions, it is necessary to plan and adopt management that enables the efficient use and adequate management of local water resources. In planning, the choice of irrigation method is essential for the success of the agricultural enterprise, as it can influence the productive responses of crops. Factors such as the type of soil, relief, local climatic conditions, water availability, plant species and the management adopted in the production system must be considered at this stage. With this Special Issue of *Agronomy*, we seek unpublished studies that show the productive responses of irrigated crops in a semi-arid environment. Furthermore, we encourage contributions that address the influence of irrigation methods on the productive performance of plant species, highlighting the use of resilient practices, jointly or not, that maximize agricultural production, as well as minimizing the adverse effects of these environments.

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Editor-in-Chief

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