

Special Issue

Sustainable Water Management in Crops in the Tropics and Subtropics

Message from the Guest Editors

Water is the primary resource in agriculture. Estimates indicate that 70% of the water used by humans in the world is destined for irrigation, and irrigated crops are responsible for about 45% of world food production. Thus, water may limit food production, even in areas where temperature, soil, and light are ideal for plant growth. Subtropical areas may also suffer, demanding changes in agricultural systems. Researchers have to provide better ways to preserve freshwater resources and store water. It is necessary to improve irrigation systems; breed plants with an increased ability to acquire water from the soil, improve water use efficiency, and tolerate salinity; develop new methods to supply water to plants; and produce new molecules to help plants to retain and use water efficiently, among several other important subjects related to water in agriculture. The focus of this Special Issue is on development of the sustainability of water in agriculture in tropic and subtropic regions. We welcome manuscripts in any area from practical field research to social and economic aspects so long as they maintain this focus.

Guest Editors

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Deadline for manuscript submissions

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Editor-in-Chief

Prof. Dr. Steve W. Lyon

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