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Up

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# Irrigation Science

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## Description

Irrigation Science presents original articles and short communications reporting the results of irrigation-related research. Coverage includes relevant contributions from the plant, soil and atmospheric sciences and analysis of field experimentation, as well as irrigation water management modeling. Special emphasis is devoted to multi-disciplinary studies dealing with the challenges of maintaining the long-term productivity of irrigated lands and increasing the efficiency of agricultural water use. Aspects of particular interest include physiology of plant growth and yield response to water status; physical and chemical aspects of water status and movement in the plant-soil-atmosphere system; salinity and alkalinity control by soil and water management; agricultural drainage, measurement and modification of crop and control of water in plant, soil and atmosphere; water requirements in irrigation practice; irrigation scheduling and ecological aspects of irrigated agriculture.



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