

Abstract journals on irrigation drainage and water

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Irrigation: A Comprehensive Overview**

Abstract of Irrigation

Irrigation is the controlled application of water to land and crops to supplement rainfall or other forms of precipitation, ensuring optimal plant growth and productivity. It plays a crucial role in modern agriculture, enabling farmers to cultivate crops in arid and semi-arid regions, increase yields, and stabilize production.

Journal Abbreviation for Irrigation and Drainage Systems

The journal abbreviation for Irrigation and Drainage Systems is IRDS.

Journal Related to Irrigation

Agricultural Water Management is a leading journal that publishes research on irrigation, water management, and related topics.

Description of Irrigation

Irrigation involves extracting water from various sources such as rivers, lakes, groundwater, and rainfall, and distributing it across agricultural fields. Water can be applied through various methods, including surface irrigation (e.g., flooding, furrow, and sprinkler), subsurface irrigation (e.g., drip, micro-irrigation), and aerial irrigation (e.g., rain guns, center-pivot systems).

Irrigation and Drainage

Irrigation and drainage are closely linked, as poor drainage can lead to waterlogging and crop damage. Drainage systems are essential for removing excess water from fields, preventing soil saturation and ensuring proper root development.

Abstraction of Water Sources

Abstraction of water sources refers to the process of extracting water from natural resources. Surface water is extracted from rivers, lakes, and reservoirs, while groundwater is pumped from aquifers. Abstraction must be carefully managed to ensure sustainability and prevent environmental impacts.

Abstract of Water Treatment

Water treatment involves purifying contaminated water to make it safe for human consumption, industrial use, or environmental release. Treatment processes typically include coagulation, flocculation, filtration, disinfection, and other advanced techniques.

Water Journal

Water is a multidisciplinary journal that publishes original research on all aspects of water science and technology.

Short Form of Water Research Journal

The short form of the Water Research Journal is WRJ.

Short Form of the Journal of Water Process Engineering

The short form of the Journal of Water Process Engineering is JWPE.

Summary of Irrigation

Irrigation is an essential agricultural practice that enables farmers to increase crop yields, stabilize production, and adapt to water scarcity. It involves extracting water from various sources, distributing it across fields, and managing drainage systems to ensure optimal plant growth.



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