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# Financing Irrigation Water Management and Infrastructure: A Review

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## Abstract

Many of the world's irrigated regions face the problem of aging infrastructure and declining revenues to maintain and repair irrigation structures. Policy debates over climate change, water scarcity, and the need for more efficient irrigation infrastructure have led to a growing interest in financing irrigation infrastructure. This review examines the current state of irrigation infrastructure financing, including the role of public and private investment, and the impact of climate change on irrigation infrastructure. The review also discusses the challenges of financing irrigation infrastructure, including the need for more efficient irrigation infrastructure, and the impact of climate change on irrigation infrastructure. The review concludes that there is a need for more efficient irrigation infrastructure, and that public and private investment can play a key role in financing irrigation infrastructure. The review also discusses the challenges of financing irrigation infrastructure, including the need for more efficient irrigation infrastructure, and the impact of climate change on irrigation infrastructure.

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marginal cost pricing, and non-volumetric pricing. Institutional approaches described include regulatory measures, transboundary agreements, and water user associations. Results may contribute to current debates in various regional, national, and international forums on whether and how water should be priced for agricultural use.

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