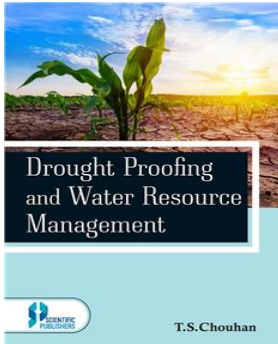


## Drought Proofing and Water Resource Management

[T.S. Chouhan](#)



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### Blurb

The book presents best management practices that maximize efficiency, reliability, and economy which minimizing the potential for adverse effects to the environment and human health. The chapters discuss how conjunctive water use can increase water availability in the developing world and what types of conjunctive use schemes are the most promising. The book examines the feasibility of a drought watch alert system and the legal and administrative framework required. It also explores the application of the Optimization Models and the Decision Support Systems to the study of different water management alternatives under drought conditions. Drought Proofing and Water Resources Management delineates how to reduce drought effects through pro-active vision, good management, and conjunctiv use of water sources. Drought is a recurring feature in aird and semi arid regions of India. Every effort is made to combat it since Independence. Still drought stays here as unwanted guest. Thousands of million Rupees are spent on drought and Flood control. This is now high time to rethink and review our policies and planning. There is need for permanent drought proofing in the state rather than short-term measures during incidence of drought disaster only. Efforts have been made in this book to critical review the scenario for drought proofing of the state through Water Resource Management.

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