

Developing Approaches to Supply the Potable Water in Water Scarce Area: Case of Karwi (Chitrakoot Dham) Chitrakoot up, Bundelkhand, India

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Abstract: Chitrakoot Dham, is a city in Chitrakoot district in the state of Uttar Pradesh, India. It is located in the Bundelkhand region and is culturally, historically, religiously, and archaeologically significant. Chitrakoot is Lord Rama's Karma Bhoomi. Lord Rama was exiled in Chitrakoot for 11 years. Chitrakoot is a holy city with many temples. It is linked to Chitrakoot, a town in Madhya Pradesh's Satna district. I researched Karwi's water supply system to determine water consumption, supply, and gaps. Investigate the various parameters of the potable water supply system and make planning proposals to build an effective water supply system and close the water supply demand gap in Karwi (Chitrakoot Dham).

Keywords: Potable Water, Water Demand, Water Gap, Potable Water Supply Network, Climate Vulnerability

REFERENCES

- [1] "Water Supply and Sanitation in Rural Areas: Approaches and Innovations" by M. Dinesh Kumar, R. Maria Saleth, and P. K. Viswanathan.
- [2] "Sustainable Water Management in India: Challenges and Opportunities" edited by A. Ravindra and S. Udayakumar.
- [3] "Water Resource Management: A Casebook in Law and Public Policy" edited by A. Dan Tarlock and James C. Nicholas.
- [4] "Water Resources Development and Management" by Ralph A. Wurbs.
- [5] "Water Management in India: A Policy Perspective" by Vishal Narain and Biksham Gujja.
- [6] "Water Management in India: Policy and Performance" by M. Dinesh Kumar and P. K. Viswanathan.
- [7] "Water Supply and Sanitation: A Case Study of Rural India" by Poonam Agrawal and K. C. Sivaramakrishnan.