



Sustainable Water Management in the Kantli River

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Abstract-

For centuries, rivers played important role in human life. Kantli River is a life line of Shekhawati region but due to negligence it's about to die. It seems like there is nothing left except sand and sand left around but still there is hope to make an effort for her survival. No one has even tried to save this river till now. It is very sad to know that this river is slowly dying before our eyes but local authorities and government have done nothing but ignored this situation totally. Still there is a hope to save this river. There are lots of solutions to save this by using some efforts to save this river seriously. If some local and national leaders come together to sort out their differences and come together for combining Kantli River in their project and planning, definitely it can be saved.

Key words – Sustainable, Water Management, Kantli River

Introduction

Water is an important and natural resource that is essential for the sustenance of human civilization of which ground water plays an important role in meeting a substantial part of domestic, agricultural and industrial needs. The evaluation of water resource potential and utilization, especially the ground resource, needs an elaborate study of various factors governing the monsoon pattern, surface runoff, infiltration, various hydraulic characteristics of the aquifer system etc.

Study Area

The study area is drained mainly river Kantli. Expected Kantli and its sister streams, the overall drainage, are towards south westerly flow. The Kantli water shed occupies the northern parts of the study and exhibits somewhat anomalous characteristics. The river Kantli originates in the hilly near Gidala village of Udaipurwadi in Sikar district, flows