

# GROUND WATER STATUS OF TAMILNADU

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## ABSTRACT

Water is inevitable as it is an elixir and life sustaining liquid. Ground water forms a vital natural resources. Ground water is the water that seeps through rock and soil as it is stored in aquifers. Aquifers are typically made up of gravel, sand and sand stones. Being the largest liquid fresh water resources of the planet earth it supports irrigations to agriculture to lead a sustained life and secure food for the globe. India covers more than 30 per cent of the global irrigation and consumption. Based on the above background, an attempt has been made to study the ground water management and challenges in India and Tamilnadu.

Key words: Ground water, Aquifers, utilisable

## INTRODUCTION

Water is inevitable as it is an elixir and life sustaining liquid. Ground water forms a vital natural resources. Ground water is the water that seeps through rock and soil as it is stored in aquifers. Aquifers are typically made up of gravel, sand and sand stones. Being the largest liquid fresh water resources of the planet earth it supports irrigations to agriculture to lead a sustained life and secure food for the globe. India covers more than 30 per cent of the global irrigation and consumption.

Sustainable use of ground water resources is very challenging as there is a high unplanned and non-scientific development of ground water. The alarming bell already sound that water level is depleting. Consequently developing ground water resources for sustainable uses and management is a great challenge.

Based on the above background, an attempt has been made to study the ground water management and challenges in India and Tamilnadu.