

Pre Proposal round: Submission of 'New Idea'

Drinking Water Quality Habitations in India

Vision: All information regarding Drinking Water Quality Habitations in India is available in easily accessible forms catering to the needs of different end users

Mission: To make information regarding drinking water quality habitations readily and freely available in India to all through a tool irrespective of language, literacy, location, asset ownership or any other barriers

Problem Statement: Lack of convenient access to domestic water is a common problem for the rural poor of India. There are many issues related to lack of drinking water available. Issues like risk of bacterial and parasitic infections by having to collect water at polluted sources or where insects or other vectors abound. Water-borne diseases associated with unimproved water sources affect the health of the whole family. Suitable steps are needed to be taken by Indian Government to decrease the problem of drinking water pollutants in a proper manner.

Solution and Benefits: The data sets available with the Data Portal India and contributed by Ministry of Drinking Water and Sanitation can be used to build a GIS based map of Drinking Water Quality Habitations available in India. This will help to give an idea state wise/district wise the need of improving water quality in India. Since we know drinking water is very serious concern area and access to such facility definitely has an impact on the quality of human life and health as well as the incidence and the spread of the diseases. By having the data available, Indian Government can focus and launch various programmes in the affected areas and spread awareness among the people. The end users can also benefit by knowing the areas affected with drinking water quality in India.

References:

- <http://data.gov.in/dataset/water-quality-affected-habitations-1st-april-2012>