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*Title* : *Groundwater and Gender Issues: A Study of Health Impacts Due to Microbial Contamination*

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Urbanization and Population pressure are the two main challenges in the metropolitans of developing countries. Inadequate quality and quantity of water affects directly the health of the people. In Chennai, the present population is estimated at 60 lakhs and at 140 lpcd water requirements works out to 840 mld for drinking and domestic needs alone. Chennai is also experiencing an expansion of the Metropolitan Limits, change in land use and increasing dependence on sub-urban areas for natural resources inputs and impacts on water supply and sanitation for people.

This paper attempts to find out the sources of ground water supply, and its impact on health. With as many as 75 households as sample size and 12 sets of Groundwater samples, the study confirmed the presence of microbial pathogens which induced the health problems. Apart from the above, a semi-structured interview was done to analyze the data and the results were abstracted.