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Potentiality of sustenance of water in rural and hilly areas

S. M. Diwanji

Mumbai University, India

Abstract

Water is the most essential requirement in life. India has 17% of human race and owns 2% land catering water to the need of the habitants. India is holding 4 % water resources .Maharashtra is the second largest state in India both in terms of population around 11 crores (Census 2011) and geographical area (3.08 lakh sq. km.) Agriculture is the traditional occupation in the country giving rise to demand of water due to irrigation. Maharashtra13 percent States' income is contributed the agriculture & allied activities sector the urbanization has accelerated scarcity of ground and potable water. The major replenishment of ground water is due to the monsoon. At many places water is not accessible in time causing farmers death, poor irrigation, etc. Ancient history shows that without any modern technology water was conserved & utilized even in the hilly areas. It is alarming that net availability of water is reduced to 1700 cubic m.per capita against 5200 cubic m. per capita within 6 decades. Since the time India got independence government has taken various steps along with international plans but there is disconnectedness found in actual plan. This paper suggests different solutions to cope upwith gap of demand water for irrigation and potable water with modern technology and better utilization of resources both monetary and human in Maharashtra.

Biography

S M Diwanji has completed her Ph. D at 37years from Indian Institute of technology, Powai Mumbai in Statistics. She was Principal of Mulund College of Commerce affiliated to Mumbai University NAAC Reaccredited A Grade in 2011. She had completed four minor research project funded by Mumbai University & won the first prize in one of them. She has published 16 papers in reputed journals and 4 text books for UG courses. She has been serving as Board of studies Member for UG courses in Mathematic s statistics and computer application and editorial board member of repute.