IJARSCT



International Journal of Advanced Research in Science, Communication and Technology (IJARSCT)

International Open-Access, Double-Blind, Peer-Reviewed, Refereed, Multidisciplinary Online Journal

Volume 3, Issue 1, October 2023

Analysis of Watershed Development in Rural Area of Yavatmal District

Pooja H. Nandane, Dipali V. Chakule, Sohel Asifkha Pathan, Shekh Ayyas Shekh Ahemad, Prof. A. I. Deshmukh

Jagadambha College of Engineering and Technology, Yavatmal, Maharashtra, India

Abstract: This review paper delves into the Watershed Development is amid to improve the ground level, quality of water and water resources and is applied to an area of land that stream or river. Watershed Development aims to improve the natural resources for supports human needs for water, food, agricultural yields, energy and residence, while supporting other agreed attributes linked to delight, aesthetics and ecologic function. Common benefits from successful watershed development projects include improved agricultural yield and increased access to drinking water. The main aim of watershed management is conserve the soil, plant, water resources of a catchment area, store rainwater, reduce soil erosion, and improve soil nutrient and carbon content so they can produce greater agricultural yields, sedimentation control, increased biodiversity, wildlife and flood control. It also reduced the climate change and other natural disasters.

Keywords: Watershed Development, Human Needs, Agricultural Yields, Aesthetic, Ecologic Function, Conserve the Soil, Store Rainwater, Increased Biodiversity, Wildlife, Flood Control, Reduced Climate Change.

REFERANCES

[1] Yugandhar B. N., J. Venkateswarlu and Vijay Kochar (1999): 'watershed Based Development in Arid and Semi-Arid Areas of Andhra Pradesh', Journal of Rural Development, Vol. 18 No. (3), pp. 471-503 (1999).

[2] Reddy, V. Ratan (2000): Sustainable Watershed Management Institutional Approach, Economic and Political Weekly, September issue.

[3] Anon. (2001): Study Report on Watershed Development, Kalpataru Reaserch Foundation.

[4] Khisagar, K. G. et al. (2003): Evaluation Study of Wadgaonlakh Watershed in Osmanabad District of Maharashtra, Osmanabad.

[5] Khalid, M. A. et al. (2004): Impact Assessment Study of the Watershed Development Programme, a Compendium, The Energy and Resources Institute, New Delhi.

[6] Biswas, A. K. et al. (2005): Integrated Water Resources Management Wasson (eds.) Water First: Issues and Challenges for Nations and Communities in South Asia, Sage Publications, New Delhi.

[7] Government of India (2007): Report of the Working Group on Natural Resources Management: Eleventh Five Year Plan (2007-2012), Planning Commission, New Delhi.

[8] Sen, Sucharita (2008): Watershed Development Programmes and Rural Development, A Review of Indian Policies in Lahiri-Dutt and R. J. Wasson (eds.) Water First : Issues and Challenges for Nations and Communities in South Asia, Sage Publications, New Delhi.

[9] Palanisamia, K. et al. (2009): Evaluation of Watershed Development Programmes in India Using Economic Surplus Method, Agricultural Economics Research Review, Vol. 22 July-December pp 197-207

DOI: 10.48175/IJARSCT-13198



691