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Reinstating the Riparian Corridors for boosting the Urban Economics: A Case of Moradabad (U.P.)

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Abstract: The case for reinstalling the riparian corridors in Moradabad, Uttar Pradesh, as a method of bolstering the regional urban economy. Riparian corridors are strips of land along the banks of rivers or streams that are essential for maintaining ecological balance, preserving biodiversity, and sustaining economic activity. This brief outlines the potential advantages of repairing these corridors in Moradabad and includes implementation recommendations for such actions. Moradabad, a fast expanding metropolitan area, is confronted with a number of environmental difficulties, such as the degeneration of riparian corridors. Due to unplanned development, industrial pollution, and inefficient waste management procedures, these corridors have been encroached upon and deteriorated. By restoring these corridors, the region will be able to protect and increase biodiversity, which can have significant ecological and economic effects. Restoring riparian corridors can generate job possibilities through activities such as ecological restoration and the creation of nature-based companies. These economic activity can contribute to the regional expansion and prosperity.

Keywords: Riparian corridors, Urban economics, Moradabad, Restoration, Revitalization, Urban development, River conservation

REFERENCES

- [1]. Towards A Water Sensitive Mexico City, De Urbanisten & Deltares (2016)
- [2]. Guidance Note for Environmentally Sensitive, Climate Adaptive and Socially Inclusive Urban riverfront Planning and Development, NMCG (2021)
- [3]. State of Groundwater in Uttar Pradesh -A Situation Analysis with Critical Overview and Sustainable Solutions, Ravindra Swaroop Sinha (2021)
- [4]. Urban Water Supply & Sanitation in India, IIHS RF Paper on Water Supply and Sanitation (2014)
- [5]. Performance and ownership in the governance of urban water, M. A. Garcı'a-Rubio PhD, F. Gonza'lez-Go'mez PhD and J. Guardiola PhD (2009)
- [6]. Toward a Political Ecology of Biosocial Relations, Rethinking the Urban Water Metabolism Beyond the City, Karsten Schulz and Antje Bruns (2016)
- [7]. Making water a part of economic development, the economic benefit of improved water management & services, Report by govt of norway & sweden put to comission on sustainable development (2005)
- [8]. Evaluating the economic impact of water scarcity in a changing world, Flannery Dolan, Jonathan Lamontagne, Robert Link, Mohamad Hejazi, Patrick Reed & Jae Edmonds
- [9]. Analysis on the Characteristic of Energy Flow in Urban Ecological Economic System——A Case of Xiamen City, W. Zhao (2012)
- [10]. Estimating Ecosystem Metabolism to Entire River Networks Tamara Rodrı'guez-Castillo, Edurne Este'vez, Alexia Marı'a Gonza'lez-Ferreras, and Jose' Barquı'n (2018)
- [11]. Economic effects of a reservoir re-operation policy in the RioGrande/Bravo for integrated human and environmentalwater management J. Pablo Ortiz-Partida (Graduate Student Researcher), B.A. Lane (GraduateStudent Researcher), S. Sandoval-Solis (Assistant Professor) (2016)
- [12]. Insurance Value of Green Infrastructure in and Around Cities Tom L. Green, Jakub Kronenberg, Erik Andersson, Thomas Elmqvist, and Erik Go'mez-Baggethun (2016)

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[13]. Guidelines for Urban Water Conservation, Jal Shakti Abhiyan, Ministry of Housing and Urban Affairs, Government of India

DOI: 10.48175/IJARSCT-11695

[14]. State of Urban Water Supply in India 2018, Exhibitions India Group & WaterAid India

