

ASSESSING ECOLOGICAL QUALITY OF RIPARIAN HABITAT OF STREAMS OF NARMADA RIVER BASIN USING QBR INDEX

¹Rihalee Tembhare, ²Abhilasha Bhawsar, ³Vipin Vyas & ⁴Manzoor Ahmad Bhat

^{1, 2, 4} Research Scholar, Department of Environmental Sciences and Limnology, Barkatullah University, Bhopal, India

³ Research Scholar, Department of Biosciences, Barkatullah University, Bhopal, India

ABSTRACT

The present study was conducted to assess the ecological quality of riparian habitat of streams of Narmada river basin using QBR index. QBR index is used to determine the riparian habitat quality of Barna and Jamner streams. The rapid survey was carried out on the left and right banks of the streams. The results showed that Barna stream showed fair riparian quality due to the presence of a large number of trees on both the banks whilst, Jamner stream is coming under bad riparian quality due to anthropogenic pressure and less vegetation along the banks causing degradation of riparian habitat quality.

KEYWORDS: Anthropogenic Pressure, Barna Basin, QBR Index, Riparian Habitat

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