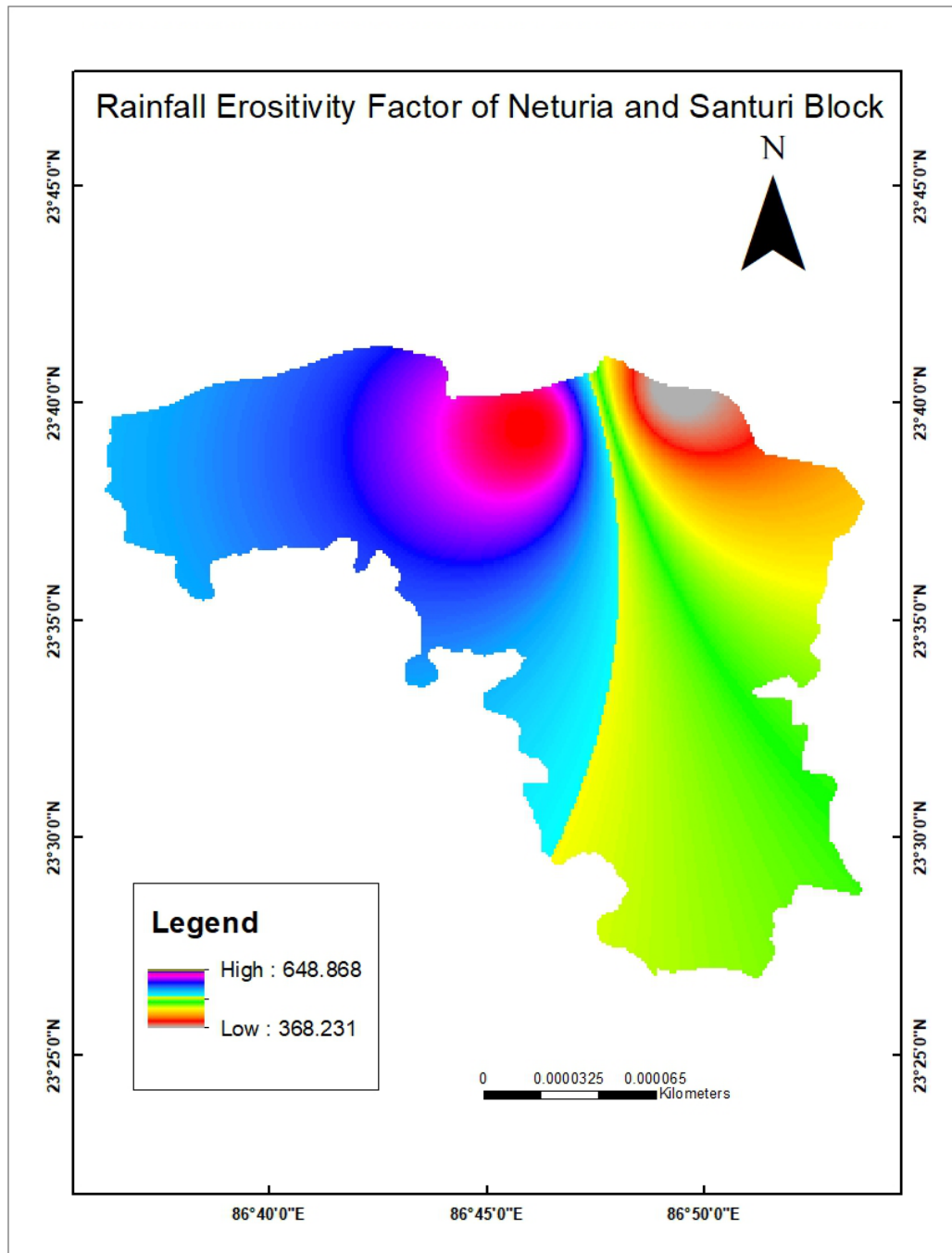


# TOPIC: Rainfall Erosivity Factor of Neturia and Santuri Block



## MAP ANALYSIS

Annual Rainfall Station data (2010-2019) was obtained from INDIA-WRIS portal

Station data of Neturia block (2 Stations) was only available as a result of which the outcomes of Santuri block was interpolated based on IDW results.

Erosivity was calculated using the Map Algebra Tool. The formula used:

$$R = 0.55 * \text{avg Rainfall( yearly )} - 24.7$$

(Author: Humi. H, 1985)

The operation shows accurate results for the Neturia block which is highlighted in red and blue colors which are indicative of High-Moderate Soil erosivity.

Since no station data of Santuri was obtained, the results are ambiguous.

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