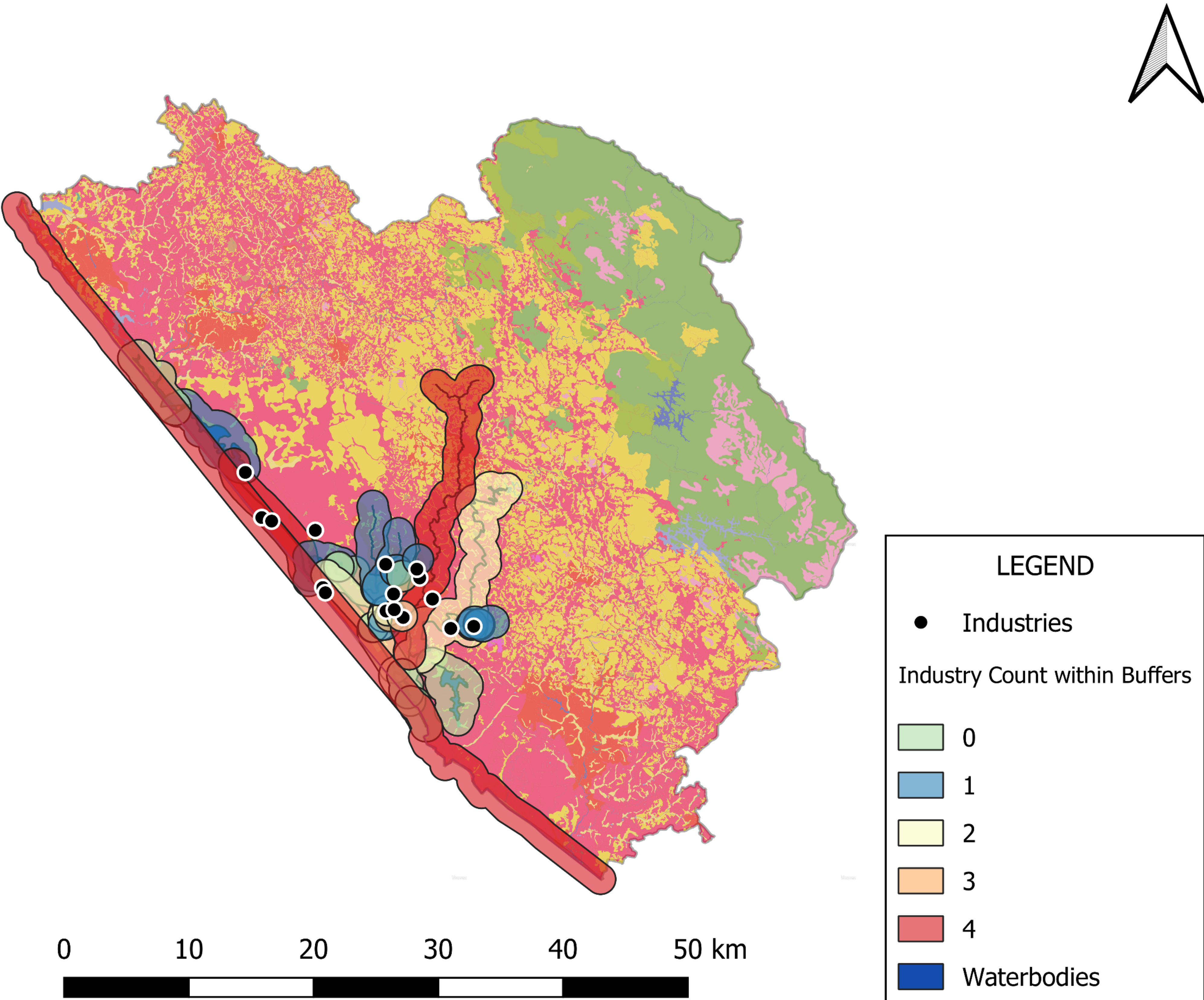


Vulnerability of Waterbodies to pollution by major industries in Thiruvananthapuram

Map Description and Analysis



Introduction:

The map identifies waterbodies that are most vulnerable to pollution by major industries in the Thiruvananthapuram district.

Industries considered :

Seventeen major industries are considered in this map. These include Food & Beverage, Chemical, Titanium Dioxide, Steel, Hardware, Plastics, Brick Manufacture, Electrical Equipment Manufacture.

Waterbodies :

The number of industries within a 1 km buffer of 26 waterbodies were counted to check for those with the maximum number of industries in their vicinity.

Results of Analysis :

It was concluded that the **Killi River**, **Karamana River**, and the **Western Coastline** have 4 industries each within their 1 km buffer and hence have a greater probability of being polluted by the industries nearby.

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