

An Exploration of the Effects of Tides on the Salinity of the Love River

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1. Abstract

This study aims to explore the specific impact of tidal rise and fall on river water salinity. By analyzing the relationship between the timing of high and low tides and the salinity of the Love River, we hope to find the pattern between tides and salinity.

2. Methods and Materials

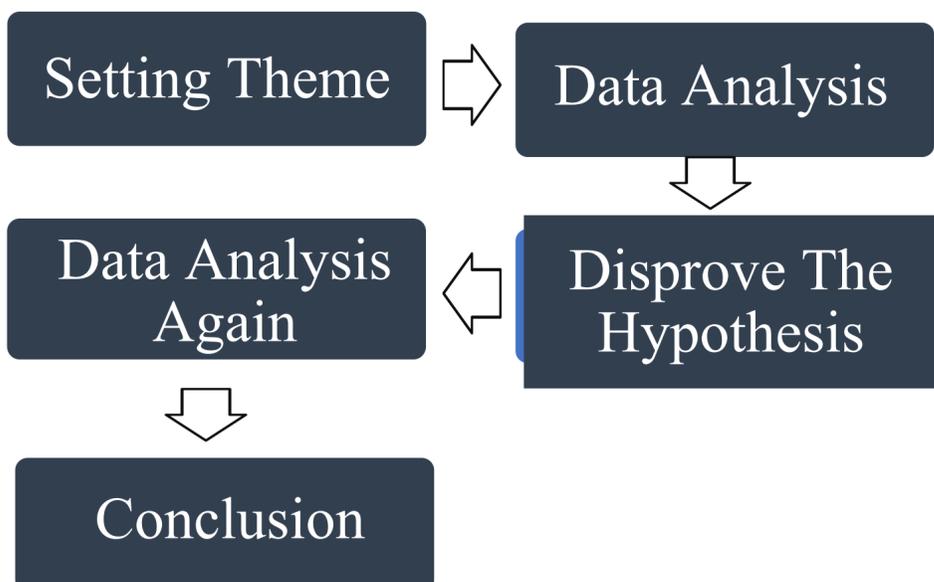
Materials: excel , Microsoft Paint (MS Paint)

Methods: Data was collected from publicly available data from continuous automatic river water quality monitoring stations and the Central Weather Bureau's predicted tide tables, and analyzed using Excel's charting capabilities.

3. Conclusion

- 1.Environmental background factors have a greater impact than tidal effects.
- 2.For salinity, the impact of environmental background factors is greater than that of tidal effects.

Structure



4. Result

