

VARIATION IN DISSOLVED OXYGEN IN FRESHWATER RIVERS

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HYPOTHESIS

If nutrient and industrial pollution from agriculture and urbanization spill into freshwater river systems, the concentration of dissolved oxygen will decrease.



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METHODS

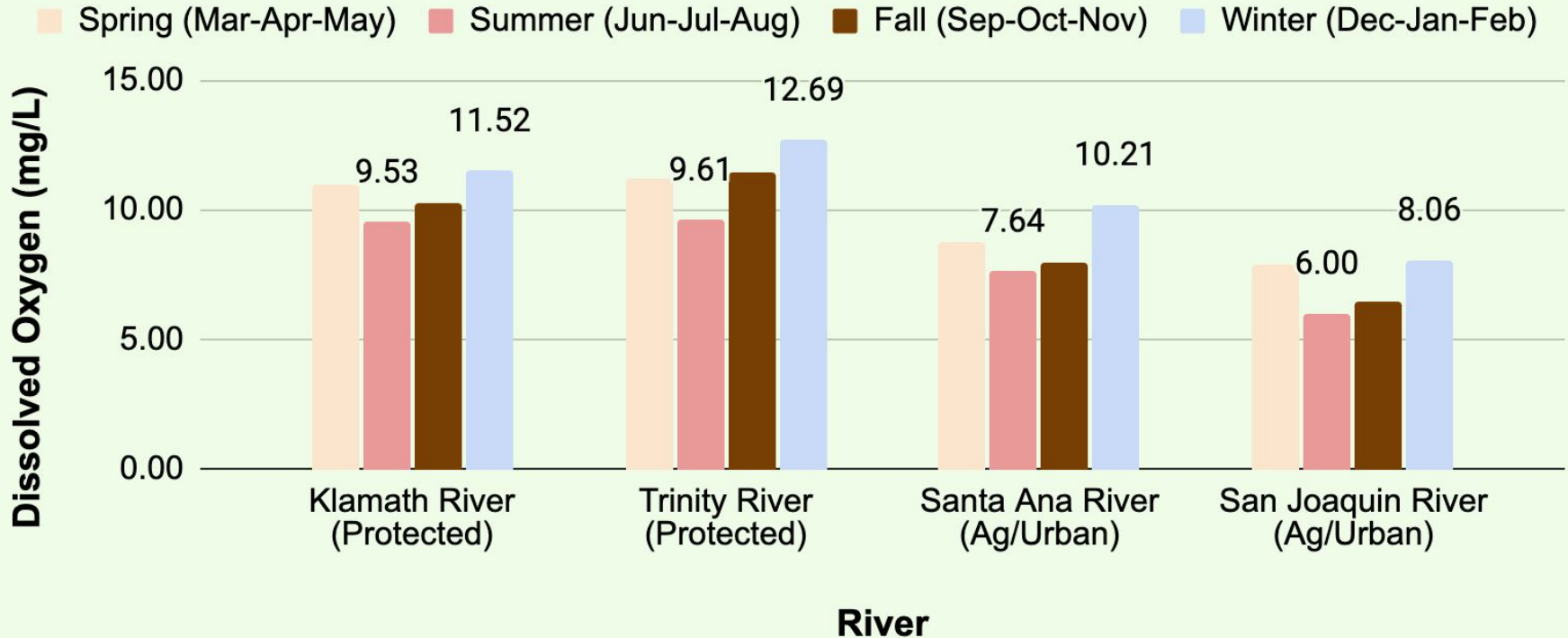
- Data Collection → CEDEN Query Tool
- River Selection.
 - Agriculture
 - Urbanization
 - Protected Areas
- Data Analysis
 - Seasonal Variation
 - Average DO in mg/L
 - Bar Graphs



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RESULTS

Dissolved Oxygen (mg/L) VS Freshwater Rivers in CA



DISCUSSION

- Agriculture → lower DO
- Urbanization → lower DO
- Protected Areas → higher DO



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