Investigating the Spatial Heterogeneity of the Impact of Urbanization on Carbon Emissions in China

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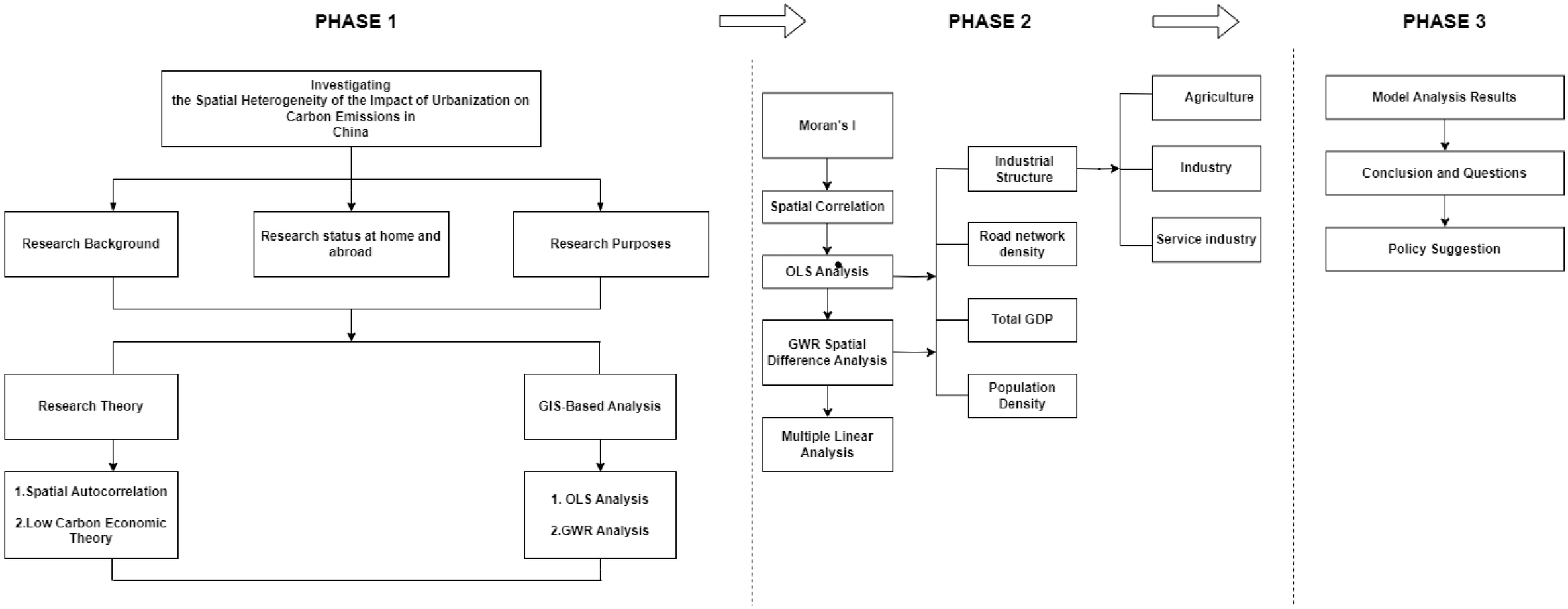
Framework



Results

The research is structured into three phases, starting with an initial focus on the spatial impact of urbanization on carbon emissions in China, underpinned by theoretical frameworks. The second phase conducts GIS-based and spatial analyses to understand distribution and correlation, culminating in GWR to explore spatial differences. The final phase integrates these insights into policy recommendations, leveraging a methodical approach to address the complex dynamics between urbanization and carbon emissions.

1.Significantly Impacted Regions: Northeast, Northwest, and North China (Characteristic: Slow Economic Development)
2.Key Influencing Factors: Carbon-Intensive Industries, Dense Populations, GDP Development
3.Southern Region: Complex Influencing Factors, Shift to Service-Driven Economy, Industrial Modernization