

ABSTRACT

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Title : THE INFLUENCE OF LAND USE CHANGES ON
REGIONAL ECONOMY CASE STUDY OF
KARAWANG DISTRICT

Karawang Regency is one of the largest rice producers in West Java Province, with an annual production of over one million tons. The city's growth, both physically and socially, has led to an increased demand for land, but the land itself does not expand. Consequently, significant changes in land use occur with the aim of meeting the city's needs and increasing the economic value of the land. The research was conducted using a quantitative method. Satellite image classification analysis was performed to determine the extent of land use, while Location Quotient and Shift Share analyses were used to assess the economic value in Karawang Regency. Further analysis was conducted on both variables to identify correlations and significant influences among them through correlation and regression analyses. The research findings indicate a relationship between land use and the economy. The increase in a specific type of land use with high economic value can boost the overall economic growth in the region.

Keyword : Land Use; Urban Economic; Land Use Change; Landsat;