

**PERGESERAN PERGERAKAN ANGKUTAN SUNGAI
DI SUNGAI MARTAPURA KOTA BANJARMASIN**

TESIS

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ABSTRACT

The research based on the existence of Martapura River in Banjarmasin City and it's daily usage as water transportation infrastructure. However, nowadays, we rarely see river transportation intern city that served passenger and commerce good.

The aim is to find out how friction of river transportation movement in Martapura River, Banjarmasin City, by identifying land use transformation, population growth, street network development, pedestrian behaviour and mobilization pattern, and analyzing friction of river transportation usage.

This is survey research with Kelurahan Sungai Bilu, Kelurahan Banua Anyar, and Kelurahan Sungai Jingah as study areas. It is descriptive research by using simple crosstab as analysis tool.

The result shows that friction transportation usage from river to land transportation occur in 20 locations from 36 destinations that spread in many places of Banjarmasin City. Based on journey purpose, river transportation with work purpose decrease 25%, for school decrease for 8,9%, for shopping decrease 10,5%, 0% for recreation purpose, and for other purpose the decrease is not too significant, it's about 1,6%, it caused by the movement characteristic. It's just optional choice or it's not daily activity characteristic.

The movements of river transportation in Martapura River, Banjarmasin City, attend to be replaced with land transportation. However for particular travel that located around river path, river transportation is still used. This friction also caused by land use transformation, the availability of street network, and many transportation alternatives that could be selected. The transportation selection is not only based on travel distance, but also based on cost and transportation availability when they're traveled.

The conclusion are: require the research of river transportation performance intern city, improvement of river transportation usage as alternative to reduce street network load, need to plan the transportation integration for easy connection to each river transportation passenger who want to continue their travel using land transportation and vice versa, and also improvement of river transportation attraction by integrated waterfront city concept.

Keywords: Mobilization friction, river transportation, Banjarmasin City.