

**PENGEMBANGAN ANGKUTAN UMUM  
BERBASIS KARAKTERISTIK LOKAL  
STUDI KASUS : KECAMATAN BANYUMANIK-SEMARANG**

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**Abstrak**

*Studi ini bertujuan untuk menganalisis pola pengembangan angkutan umum berbasis karakteristik lokal. Metode yang digunakan dalam studi ini adalah kuantitatif dengan model spasial Sistem Informasi Geografi berupa simulasi trayek dan isoprice sebagai gambaran sistem pelayanan angkutan umum. Hasil dari studi adalah: penggunaan angkutan umum di daerah studi hanya sekitar 33% saja, pola pelayanan angkutan umum dapat digambarkan dari isoprice biaya transport menuju ke CBD. Daerah dengan kepadatan permukiman yang tinggi pola pelayanannya lebih efektif dibandingkan yang kurang padat. Diharapkan di masa mendatang pemecahan persoalan angkutan umum lebih memperhatikan karakteristik lokal seperti biaya transportasi, dan kondisi wilayah seperti jaringan jalan dan feedernya.*

**Kata kunci :** pengembangan angkutan umum, suburban, karakteristik lokal, isoprice

**DEVELOPING LOCAL CHARACTERISTIC-BASED PUBLIC  
TRANSPORTATIONS  
(A CASE STUDY AT SUB-DISTRICT OF BANYUMANIK, SEMARANG)**

**Abstract**

*The aim of this study is to analyze the public transportation development patterns based on the local characteristics. The methodology of this study is quantitative method employing spatial mode Geographic Information System by traject simulation and isoprice as the visual of public transportation service. The results of this study are: the use of public transportation in this study area is only about 33%. Public transportation service could be visualized from isoprice of cost transportation to CBD. The region with more population residence has effective supply compared with less population of it. It's hoped that the transportation problems could be solved by concerning local characteristics such as cost transportation and region condition as street network and their feeder.*

**Keywords :** public transportation development, sub-urban, local characteristics, isoprice

