

# **Using new sources of information for model development and calibration**

## **Title : A Study on Criteria Setting for Abolishing a Bus Route**

Seoul City has been financing expenses according to the distance of all routes of bus services without any route reduction plans to cover the deficit-ridden bus line after the public transportation system restructuring, and the amount of deficit continues to increase. This paper aims to come up with the way to decide which bus routes to be discontinued by means of bus stop based O/D in consideration of the alternative routes and inconvenience following the increasing transfer. To measure the increase of commuting time after discontinuing some bus routes, bus stop based O/D was used, through which the increase of time after discontinuance of certain reliable routes.

Therefore, whether there is an alternative route, and the times of transferring affect the commuting time a lot, such factors as alternative routes and times of transferring which are the potential problems when bus routes are discontinued because of deficit, will be more practically considered.