

THANEE NUNTHAWATTHANASIRICHAH : THE STUDY OF GOOD  
MOVEMENT MODE IN BANGKOK METROPOLITAN REGION. THESIS  
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This thesis is an analytical study of functional relationship among goods movement mode with transport cost and other factors in Bangkok Metropolitan Region. The main purpose is to develop goods movement modal split model in the study area in order to be used for future planning of transportation system.

The modal split model was analyzed by dividing the study area into a number of subareas. Then, review the movement mode and amount of movement among those subareas. The variables used in the model were transport cost between origin to destination and another variable representing group of variables effecting the modal split.

Partial results on transport cost showed that the operating cost are 0.89, 0.54, 0.25 B/ton/km for truck, rail and barge respectively. Also, it could be concluded that cost of transport had little effect for a decision choice of mode of transport. Therefore, we should consider other variables effected the choice such as wait in time cost, comfort of transportation, transfer cost etc. .