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## The Impact Analysis of MRT on Modal Choice and Housing Market

### **Abstract**

This presentation will discuss the following issues: 1. basic concept of logit model, 2. numerical example of logit model, 3. types of logit model, 4. what is CATLAS model, 5. the model formulation of CATLAS model, and 6. the policy implication of CATLAS model.

## The Planning for City Bus Routes

### **Abstract**

This presentation aims at discussing the following topics: 1. the analysis of supply and demand for bus transit system, 2. the issues and objectives of bus transit network planning, 3. the planning process of bus routes, 4. the performance evaluation for alternatives of bus routes, 5. the management issues of bus routes, and 6. a case study of bus routes planning in Taichung city.

## The Sustainability and Diversity of Urban Transportation

### **Abstract**

This presentation aims at exploring the issues of 1. what are sustainability and diversity in transportation planning, 2. what are issues of transportation sustainability and diversity, 3. who are stakeholders for transportation diversity indicators (mobility, accessibility, safety, and environment), 4. how to measure the diversity indicators, 5. how to measure transportation diversity through entropy method, and 6. a case study for transportation diversity in Taipei area.