

## **Recent Results and Visions of Research and Development of Transport Planning**

Shigeto HIRAGURI

A transport plan is essential to realizing highly reliable and convenient railway service. In actual operation, the plans may be changed dynamically when traffic is disrupted due to congestion, natural disaster and so on. In order to prepare an appropriate plan, evaluation method is important. This paper outlines the recent research and development of the evaluation method of the transport planning. It describes the results about the research and development of the evaluation method of basic transport plan, trains diagram and traffic operation measures. Finally, it describes the vision for application of multi data analysis and the new train control system based on radio communication to transport planning.