

## **Trends and Topics of Research and Development Related to Transportation and Traffic Planning Technology**

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The signaling and transport information division aims to contribute to enhanced safety, reliability, and convenience through the research and development of signalling systems, communication network technology, transportation planning and traffic operation, and condition monitoring technology for railway facilities. This paper outlines the trends of research and development to provide supporting technology for transportation planning and rescheduling of train operations. And this paper focuses largely on some of topics of the activities and future plans on transport planning attaching importance to railway transport, passenger flow analysis, quantitative evaluation of railway customer needs and economic evaluations of mass transport.