

Szymon Klemba: Role of Transport Forecasting in Making Decisions Regarding the Shaping of Railway Transport System

Decisions on shaping the transport system have an essential influence on the functioning of various sectors of the economy. Due to the nature of infrastructure investments, the adopted solutions must meet the forecast transport needs as much as possible. These predictions should be supported by research or simulations supporting the decision-making process. One of the tools are mathematical models of the transport system operation, used to forecast the demand for transport. Transport modelling may contribute to the choice of appropriate directions for the transport system development, however, without considering the context of the investment data, the output data from the model should not determine the choice of a specific solution.

Keywords: rail transport, modelling of transport systems