Modelling the Development of Transportation System

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Abstract:

Transport demand is a fundamental factor in sizing of the transport system, both in technical, and in the technological, organizational and economic subsystem, as its major subsystems. In this sense, modelling the transport system development based on the study of the current status and trends of transport demand is a key instrument for its optimization. Modelling the development of the transport system on the basis of analysis of the situation and the trends in transport demand, along with other essential transport and economic sizes, is a necessary basis of successful transport system management.

Biography:

Professor Rajsman teach courses in the Faculty of Transport and Traffic Sciences at University of Zagreb related to all levels of study – undergraduate (Introduction to Transport and Traffic Technology, Means of Transportation, Technology of Road Transportation), graduate (Technology of Passenger Road Transportation), Master (Transport Logistics and Management, Transport Logistics Planning Methods), and PhD (Transport Logistics, Technical Logistics). His main areas of interest include Traffic technology and transport (especially the aspect of traffic system safety and modelling of its development). He was a mentor to over sixty undergraduate final papers and Master specialist thesis. He is a member of the Croatian Academy of
Sciences and Arts, Scientific Council for Traffic, the Croatian Chamber of Traffic Engineers, and the Croatian Society of Court Experts - Road Accidents.