

## **EVALUATION OF PUBLIC TRANSPORT DEMAND WITHIN PITESTI CITY**

### **Authors**

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### **Abstract**

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**Deployment of a public transport system is done based on the transport demand, defined by the size and the direction of the hourly travelers flows in different periods of the year. In order to modernize the public transport system in the Pitesti city we organized a sociological inquiry to ask the citizens concerning the public transport and based on interference we defined the transport demand. Allotting the evaluated transport demand (“Origin – Destination” matrix) on the public transport network we obtained the so-called “Spider diagram”, that emphasizes the load on the public transport network and the possibilities for optimizing it, in order to improve the public transport efficiency. The hourly flows determined so represents the elements for designing the public transport: bus inventory park, bus active park ad the transport schedule.**

### **Keywords**

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**Public transport, bus, sociological inquiry, public transport demand, public transport efficiency**