



# TRANSPORTATION RESEARCH PART C: EMERGING TECHNOLOGIES

An International Journal

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### DESCRIPTION

The focus of *Transportation Research: Part C* is high-quality, scholarly research that addresses development, applications, and implications, in the field of **transportation**, of **emerging technologies** from such fields as operations research, computer science, electronics, control systems, artificial intelligence, and telecommunications, among others. The interest is not in the individual technologies or methodologies per se, but in their ultimate implications for the planning, design, operation, control, management, maintenance and rehabilitation of transportation systems, services and components.

Of particular interest are the impacts of emerging technologies on **transportation system performance**, in terms of level of service, capacity, safety, reliability, resource consumption and the environment, economics and finance, privacy, standards, and liability. [Submissions](#) in the following areas of transportation are encouraged by Part C: the impact of emerging technologies for all modes and for intermodal transportation; intelligent transportation systems; real-time operations; logistics; resource management; consumer/traveler adoption, acceptance and usage of new technologies; infrastructure applications of emerging technologies.

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### AUDIENCE

Transportation Planners, Transportation Engineers working in Telematics, Computers, Communications, Condition Assessment, Planned Maintenance.

### IMPACT FACTOR

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## ABSTRACTING AND INDEXING

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### INTRODUCTION

The focus of *Transportation Research: Part C* is high-quality, scholarly research that addresses development, applications, and implications, in the field of transportation, of emerging technologies from such fields as operations research, computer science, electronics, control systems, artificial intelligence, and telecommunications, among others. The interest is not in the individual technologies or methodologies per se, but in their ultimate implications for the planning, design, operation, control, management, maintenance and rehabilitation of transportation systems, services and components. Of particular interest are the impacts of emerging technologies on transportation system performance, in terms of level of service, capacity, safety, reliability, resource consumption and the environment, economics and finance, privacy, standards, and liability. Submissions in the following areas of transportation are encouraged by Part C: the impact of emerging technologies for all modes and for intermodal transportation; intelligent transportation systems; real-time operations; logistics; resource management; consumer/traveler adoption, acceptance and usage of new technologies; infrastructure applications of emerging technologies.

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Brilon, W. (Ed.), 1988. *Intersections Without Traffic Signals*, Proceedings of an International Workshop. Springer-Verlag, Berlin.

Daganzo, C., 1996. Two paradoxes of traffic flow on networks with physical queues. II Symposium Ingenieria de los Transportes, Madrid, 22-24 May 1996, pp. 55-62.

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