

1. Record Nr.	UNINA9910483443903321
Titolo	Research Methods in Modern Urban Transportation Systems and Networks // edited by Elbieta Macioszek, Grzegorz Sierpiski
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2021
ISBN	3-030-71708-9
Edizione	[1st ed. 2021.]
Descrizione fisica	1 online resource (195 pages)
Collana	Lecture Notes in Networks and Systems, , 2367-3389 ; ; 207
Disciplina	388.4
Soggetti	Computational intelligence Transportation engineering Traffic engineering Computational Intelligence Transportation Technology and Traffic Engineering
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Method of Ensuring the Technical Readiness of Transport Companies Fleet due to the Region's Capabilities -- Analysis of the Air Quality in Considering the Impact of the Atmospheric Emission from the Urban Road Traffic -- Using the Maja Multi-Criteria Method in Assessment of the Operation of Vehicles with Different Power Transmission Systems from the Perspective of Sustainable Urban Mobility -- The Role of Incentive Programs in Promoting the Purchase of Electric Cars - Review of Good Practices and Promoting Methods from the World -- Life-Cycle Costing Decision-Making Methodology and Urban Intersection Design: Modelling and Analysis for a Circular City.
Sommario/riassunto	This book presents many valuable research methods useful in conducting research in modern urban transportation systems and networks. The knowledge base in practical examples, as well as the decision support methods described in this book, is of interest to people who face the challenge of searching for solutions to the problems of contemporary transport networks and systems on a daily basis. The book is therefore addressed to local authorities related to the planning and development of strategies for selected areas with

regard to transport (both in the urban and regional dimensions) and to representatives of business and industry, as people directly involved in the implementation of urban transportation systems and networks solutions. The methods contained in individual chapters of the book allow to look at a given problem in an advanced way and facilitate the selection of the appropriate strategy (e.g., in relation to the air quality in considering the impact of the atmospheric emission from the urban road traffic, the role of incentive programs in promoting the purchase of electric cars, life-cycle costing decision-making methodology and urban intersection design, but also in assessing the impact of the socio-financial conditions on the bike-sharing system operation and its implementation in medium-sized cities, etc.). In turn, due to the new approach to theoretical models (including comparison methods of driving errors in a single-lane and multi-lane roundabouts, methods of parking measurements, methods of ensuring the technical readiness of transport companies fleet due to the region's capabilities as well as speed-related surrogate measures of road safety based on floating car data), the book is also of interest to scientists and researchers carrying out research in this area.

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