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Titolo	Geoinformatics for Intelligent Transportation / / edited by Igor Ivan, Itzhak Benenson, Bin Jiang, Jií Horák, James Haworth, Tomáš Inspektor
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Collana	Lecture Notes in Geoinformation and Cartography, , 1863-2246
Disciplina	910.285
Soggetti	Geographical information systems Transportation Computational intelligence Geographical Information Systems/Cartography Computational Intelligence
Lingua di pubblicazione	Inglese
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Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references at the end of each chapters and index.
Nota di contenuto	Investigation of Sonar Stabilisation Method for Improved Seafloor Image Quality -- Global Land Cover Classification Based on Microwave Polarization and Gradient Ratio (MPGR) -- Optimal Path Problem With Possibilistic Weights -- Optimal Placement of the Bike Rental Stations and Their Capacities in Olomouc -- Detecting Spatial and Temporal Route Information of GPS Traces -- Impact of Particular Indicators of Urban Development of Cities in the Czech Republic on Average Road Traffic Intensity -- Time of Day Dependency of Public Transport Accessibility in the Czech Republic -- Automatic Generation of 3D Building Models from Point Clouds -- Towards a Solution for the Public Web-Based GIS Monitoring and Alerting System -- Demand and Supply of Transport Connections for Commuting in the Czech Republic -- Train Platforming Problem -- Examples of the Implementation of Fuzzy Models in Tourism in the South Moravian Region -- Photovoltaics as an Element of Intelligent Transport System Development -- Urban Heartbeats (Daily Cycle of Public Transport Intensity) -- Improving Geolocation by Combining Gps with Image Analysis -- The Impact of Data Aggregation on Potential Accessibility Values -- The Accuracy Of

	Digital Models For Road Design -- Gps Data and Car Drivers' Parking Search Behavior in the City of Turnhout, Belgium -- Mobile Application for Acquiring Geodata on Public Transport Network.
Sommario/riassunto	The aim of the book is to present and discuss new methods, issues and challenges involved in geoinformatics' contribution to making transportation more intelligent, efficient and human-friendly. It covers a wide range of topics related to transportation and geoinformatics. The themes are divided into four main sections: Transport modeling, Sensor data and services, Intelligent transport systems, and Transport planning and accessibility.