

1. Record Nr.	UNINA9910299423903321
Titolo	Advances in Spatial Data Handling and Analysis : Select Papers from the 16th IGU Spatial Data Handling Symposium // edited by Francis Harvey, Yee Leung
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2015
ISBN	3-319-19950-1
Edizione	[1st ed. 2015.]
Descrizione fisica	1 online resource (319 p.)
Collana	Advances in Geographic Information Science, , 1867-2434
Disciplina	910.285
Soggetti	Remote sensing Computers, Special purpose Computer simulation Urban geography Remote Sensing/Photogrammetry Special Purpose and Application-Based Systems Simulation and Modeling Urban Geography / Urbanism (inc. megacities, cities, towns)
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Introduction -- Alternative GIS (alt.gis) and the six senses of the new mind -- Enriching Navigation Instructions to Support the Formation of Mental Maps -- A Classification of User Contributions on the Participatory Geoweb -- Identifying Locally- And Globally-Distinctive Urban Place Descriptors from Heterogeneous User-Generated Content -- Identifying Optimal Study Areas and Spatial Aggregation Units for Point-based VGI from Multiple Sources -- A General Framework For Event Detection From Social Media -- The Uncertain Geographic Context Problem in Identifying Activity Centers Using Mobile Phone Positioning Data and Point of Interest Data -- Mining Co-Location Patterns between Network Spatial Phenomena -- How to model roads in Open Street Map? A method for evaluating the fitness-for-use of the network for navigation -- Development of a nationwide road change database for the U.S. in the post-recession years (2008–2012) --

Revising the Self-Best-Fit Strategy for Stroke Generation -- A Spatio-temporal Decision Support Framework for Large Scale Logistics Distribution in the Metropolitan Area -- Local Absolute Vertical Accuracy Computation of Wide-Coverage Digital Terrain Models -- Analyzing the influence of ethnic composition and immigrant residents on the spatial distribution of violent crime -- An Informed Virtual Geographic Environment Enhanced with Qualitative and Quantitative Information for the Geosimulations of Zoonosis Propagation -- A Stochastic Method for the Generation of Optimized Building Layouts Respecting Urban Regulations -- Spatial Variation of Privacy Measured Through Individual Uniqueness Based on Simple US Demographics Data -- Monte Carlo-Based Analysis of the Effect of Positional and Thematic Uncertainties on Biodiversity Models -- Examining Tail Distributions Of Moran's I Statistic Through Intensive Simulations -- Index.

Sommario/riassunto

This volume includes top papers from the 2014 International Symposium on Spatial Data Handling and covers Web and Crowd-sourcing GI, Network Analysis, Spatial Modelling and Reasoning, and Statistical and Spatial Analysis. The Symposium is the premier long-running forum in geographical information science, providing a prestigious outlet to geographers, cartographers, computer scientists and others in this rapidly developing multidisciplinary area.
