1. Record Nr. UNISA996465788703316

Titolo	Computational Science and Its Applications - ICCSA 2016 [[electronic resource]] : 16th International Conference, Beijing, China, July 4-7, 2016, Proceedings, Part IV / / edited by Osvaldo Gervasi, Beniamino Murgante, Sanjay Misra, Ana Maria A.C. Rocha, Carmelo M. Torre, David Taniar, Bernady O. Apduhan, Elena Stankova, Shangguang Wang
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2016
ISBN	3-319-42089-5
Edizione	[1st ed. 2016.]
Descrizione fisica	1 online resource (XXVII, 702 p. 263 illus.)
Collana	Theoretical Computer Science and General Issues, , 2512-2029 ; ; 9789
Disciplina	004
Soggetti	Computer networks Algorithms Software engineering Computer simulation Application software Data mining Computer Communication Networks Software Engineering Computer Modelling Computer and Information Systems Applications Data Mining and Knowledge Discovery
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes index.
Nota di contenuto	Intro -- Preface -- Organization -- Contents - Part IV -- Where the Streets Have Known Names -- 1 Introduction -- 2 Related Work -- 2.1 Toponymy and Street Names -- 2.2 Linked Open Data -- 3 Street Name Matching Method -- 3.1 Toponym Retrieval -- 3.2 Entity Retrieval -- 3.3 Entity Ranking -- 4 Evaluation -- 5 Results and Discussion -- 6 Crowd Sourcing Local Knowledge -- 6.1 Requirements -- 6.2 Storyboard -- 6.3 Software Architecture -- 7 Conclusion and Future Work -- References -- Functions and Perspectives of Public Real Estate in the Urban Policies: The Sustainable Development Plan of Syracuse --

Abstract -- 1 Introduction -- 2 Case Study -- 3 Methods and Procedures -- 3.1 Urban Perspective: The Redevelopment of the Borgo S. Antonio Quarter -- 3.2 Public Properties Appraisal -- 3.3 PPP - Public Private Partnership -- 3.4 Italian Real Estate Investment Funds -- 3.5 Jessica -- 3.6 Risk Approach -- 4 Results and Discussions -- 4.1 Generating Strategies: Urban Equalization and Regeneration -- 4.2 Real Estate Development of the Two Properties: Appraisals -- 4.3 Real Estate Finance: Scenario Analyses -- 5 Conclusions -- Acknowledgements -- References -- Soil Loss, Productivity and Cropland Values GIS-Based Analysis and Trends in the Basilicata Region (Southern Italy) from 1980 to 2013 -- Abstract -- 1 Introduction -- 2 Materials and Methods -- 2.1 Methodology - USPED -- 3 Data Analysis and Results -- 3.1 USPED Method Application -- 3.1.1 Rainfall Erosivity -- 3.1.2 Soil Erodibility -- 3.1.3 Slope-Length Factor -- 3.1.4 Cover and Management Factor -- 3.1.5 Model Application and Validation -- 4 Discussion and Final Remarks -- References -- Fair Planning and Affordability Housing in Urban Policy. The Case of Syracuse (Italy) -- Abstract -- 1 Introduction -- 2 Materials -- 3 Methods -- 3.1 Equalization and Compensation Pattern.
3.2 Housing Affordability -- 4 Application of the Equalization Pattern -- 5 Discussion. Compensation Scenarios for Social Housing -- 6 Conclusions -- Acknowledgements -- References -- Cap Rate and the Historic City. Past and Future of the Real Estate of Noto (Italy) -- Abstract -- 1 Introduction -- 2 Materials. Noto Real Estate -- 3 Methods -- 3.1 General Issues -- 3.2 Procedure -- 4 Results and Discussions -- 4.1 Clustering Analysis -- 4.2 Costs Calculation -- 4.3 Ordinary and Extra-Ordinary Incomes -- 4.4 Capitalization Rates -- 5 Conclusions -- Acknowledgements -- References -- Industrial Areas and the City. Equalization and Compensation in a Value-Oriented Allocation Pattern -- Abstract -- 1 Introduction -- 2 Materials -- 3 Methods and Procedures -- 3.1 Objectives, Data Sources, Information -- 3.2 The MAVT Approach to Select and Allocate the Enterprises in a Sustainable Way -- 3.3 Equalization and Compensation -- 4 Applications and Results -- 4.1 The Allocation of the Areas to the Firms -- 4.2 Results of the Equalization and Compensation Process -- 5 Discussions and Conclusions -- Acknowledgements -- References -- Environmental Noise Sensing Approach Based on Volunteered Geographic Information and Spatio-Temporal ... -- Abstract -- 1 Introduction -- 2 Related Work -- 3 The Proposed Methodology -- 3.1 Prediction Model at Geographic Neighborhood-Level -- 3.2 Time Intervals -- 3.3 Generalities of the Prediction Model for Environmental Noise -- 4 The Case Study -- 5 Experimental Results -- 5.1 Prediction Model Based on Support Vector Machine -- 5.1.1 Performance of the Artificial Neural Networks -- 5.1.2 Performance of the Support Vector Machine -- 5.1.3 Performance Comparison Between ANN and SVM -- 5.2 Visualization of Environmental Noise Maps -- 6 Conclusion and Future Work -- Acknowledgments -- References.
A Knowledge-Based Approach for the Implementation of a SDSS in the Partenio Regional Park (Italy) -- Abstract -- 1 Introduction -- 2 A Spatial Decision-Making Process for the Landscape Evaluation. A Literature Review -- 3 The Methodological Steps of the Knowledge-Based Approach -- 4 Case Study -- 4.1 The Representation and the Process Models -- 4.2 Outcome: Two Evaluation Scenario for the Tourism Development Through WLC Method -- 5 Conclusions -- References -- Factors of Perceived Walkability: A Pilot Empirical Study -- Abstract -- 1 Introduction -- 2 Background -- 3 Experimental Design -- 4 Results -- 5 Conclusion -- References -- Evaluating the Effect of Urban Intersections on Walkability -- Abstract -- 1

Introduction -- 2 Background and Related Research -- 3 The Evaluation Model -- 4 A Case Study of Application of the Evaluation Method -- 4.1 Study Area -- 4.2 Data and Evaluation Criteria -- 4.3 The Evaluation Procedure -- 4.4 Prioritizing Intersections -- 5 Discussion of Results -- 6 Conclusions and Future Work -- References -- Coupling Surveys with GPS Tracking to Explore Tourists' Spatio-Temporal Behaviour -- Abstract -- 1 Introduction -- 2 Background -- 3 The Case Study -- 3.1 Exploratory Data Analysis of Interviews and Tourists Profiling -- 3.2 Tourists' Spatial Behaviour -- 3.3 Time Use by Tourist Profiles -- 4 Conclusions -- References -- Countryside vs City: A User-Centered Approach to Open Spatial Indicators of Urban Sprawl -- Abstract -- 1 Introduction: Actionable Knowledge About Urban Sprawl -- 2 Conceptual Background: Open Spatial Indicators and Urban Sprawl in a European Perspective -- 3 Research Design -- 3.1 Research Approach and Process -- 3.2 Data and Analytical Methods -- 3.3 Research Context -- 4 Discussion of Preliminary Results -- 4.1 Classifying Urban Forms Based on Landscape Metrics.
4.2 Land Use Matters: Sorting Out Sprawl Patterns According to Urban Functions -- 4.3 Putting Socio-Economic Drivers into the Picture: Land Use Efficiency -- 4.4 Sprawling in Time: Tracking Urban Change to Understand Land Taking Processes -- 5 Concluding Remarks and Future Developments -- Acknowledgments -- References -- Integrating Financial Analysis and Decision Theory for the Evaluation of Alternative Reuse Scenarios of Historical Buildings -- Abstract -- 1 Introduction -- 2 Case of Study -- 2.1 The Context -- 2.2 Calculation of Likelihood Function of NPV -- 3 Probabilistic Analysis of the Re-Use Revenue for Determining the Expected Value -- 4 The Gaming Among DM -- 5 The Coalition Among DM -- 5.1 The Intersection Between Expected Utility and Likelihood -- 6 Conclusion -- Acknowledgements -- References -- Spatial Analysis for the Study of Environmental Settlement Patterns: The Archaeological Sites of the Santa Cruz Province -- Abstract -- 1 Introduction -- 2 Methods -- 2.1 Map Algebra -- 2.2 Predictive Models -- 3 The Study Case -- 3.1 The Study Area -- 3.2 The Archaeological Settings and the Sites of Santa Cruz -- 3.3 The Archaeological Sensibility Evaluation (ASE) Model -- 4 Results -- 5 Final Discussion -- Acknowledgments -- References -- Self-renovation in Rome: Ex Ante, in Itinere and Ex Post Evaluation -- Abstract -- 1 Introduction -- 2 Aims of the Work and Assessment Approach -- 2.1 General Aims and Particular Focus -- 2.2 Assessment Approach and Perimeter of Investigation -- 3 Projects of Self-renovation of School Buildings in the City of Rome for Residential Purposes -- 3.1 Decisions and Repercussions Regarding the Procedures for Identifying the Structures and Determin ... -- 3.2 Decisions and Repercussions Tied to the Procedures for the Planning, Design and Execution of the ...
4 Considerations and Strategies of Action to Be Followed (in Advance) for the Development of Future ... -- 5 Conclusions -- References -- Enhancing an IaaS Ontology Clustering Scheme for Resiliency Support in Hybrid Cloud -- Abstract -- 1 Introduction -- 2 Related Work -- 3 Problem Issues -- 4 The IaaS Service Discovery -- 4.1 Initial Approach -- 4.2 The IaaS Cloud Service Ontology -- 5 Clustering Using Some Existing Methods -- 5.1 Similarity Computation -- 5.2 Clustering Results -- 6 Enhancing the Clustering Scheme -- 6.1 Problem Issues -- 6.2 The Clustering Procedure -- 6.3 Verification and Performance Test -- 6.4 Test Environment -- 6.5 Experiment Results -- 7 Conclusion and Future Work -- Acknowledgment -- References -- A Simple Stochastic Gradient Variational Bayes for Latent Dirichlet Allocation -- 1 Introduction -- 2 Stochastic Gradient Variational Bayes -- 3 Our

Proposal -- 3.1 Lower Bound Estimation -- 3.2 Maximization of Lower Bound -- 3.3 Estimation Without Sampling -- 4 Experiment -- 4.1 Data Sets -- 4.2 Evaluation Method -- 4.3 Inference Settings -- 4.4 Evaluation Results -- 4.5 Effect of Sampling -- 5 Conclusion -- References -- On Optimizing Partitioning Strategies for Faster Inverted Index Compression -- 1 Introduction -- 2 Background -- 2.1 Index Compression -- 2.2 Directed Acyclic Graph -- 3 Optimizing Partitioning Strategy via Pruning DAG -- 3.1 VSEncoding -- 3.2 Optimized Partitioning Strategy -- 4 Experiments -- 4.1 Experimental Setup -- 4.2 Indexing Performance -- 4.3 Decompression Performance -- 5 Conclusion and Future Work -- References -- The Analysis for Ripple-Effect of Ontology Evolution Based on Graph -- 1 Introduction -- 2 The Function of Property in Ontology Evolution -- 3 Extracting Semantic Relationships in Ontology -- 3.1 Semantic Relationships -- 3.2 Quantization for the Strength of Semantic Relationship. 3.3 Construction of SRG Graph Model.

Sommario/riassunto

The five-volume set LNCS 9786-9790 constitutes the refereed proceedings of the 16th International Conference on Computational Science and Its Applications, ICCSA 2016, held in Beijing, China, in July 2016. The 239 revised full papers and 14 short papers presented at 33 workshops were carefully reviewed and selected from 849 submissions. They are organized in five thematical tracks: computational methods, algorithms and scientific applications; high performance computing and networks; geometric modeling, graphics and visualization; advanced and emerging applications; and information systems and technologies.

2. Record Nr. UNISOBSOB009236

Autore	Kraut, Richard
Titolo	Socrates and the State / Richard Kraut
Pubbl/distr/stampa	Princeton, : Princeton University Press, 1984
ISBN	0691022410
Descrizione fisica	XII,338 p. ; 22 cm
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia