

1. Record Nr.	UNISA996465683803316
Titolo	Computational Science and Its Applications - ICCSA 2016 [[electronic resource]] : 16th International Conference, Beijing, China, July 4-7, 2016, Proceedings, Part III / / 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	3-319-42111-5
Edizione	[1st ed. 2016.]
Descrizione fisica	1 online resource (XXVII, 574 p. 230 illus.)
Collana	Theoretical Computer Science and General Issues, , 2512-2029 ; ; 9788
Disciplina	004.6
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
Nota di contenuto	Intro -- Preface -- Organization -- Contents - Part III -- Protein Ligand Docking Using Simulated Jumping -- Abstract -- 1 Introduction -- 2 Related Work -- 2.1 Meta Heuristic Techniques -- 2.1.1 Genetic Algorithm -- 2.1.2 Simulated Annealing -- 2.1.3 Tabu Search -- 2.1.4 Ant Colony System -- 2.1.5 Memetic Algorithm -- 3 Simulated Jumping -- 3.1 Overview -- 3.2 Successful Applications of SJ -- 4 Problem Formulation -- 5 Motivation -- 6 Proposed Solution -- 7 Experimental Tests -- 8 Conclusions -- Acknowledgement -- References -- GLSDock - Drug Design Using Guided Local Search -- Abstract -- 1

Introduction -- 2 Related Work -- 2.1 Meta Heuristic Techniques --
 2.1.1 Genetic Algorithm -- 2.1.2 Simulated Annealing -- 2.1.3 Tabu
 Search -- 2.1.4 Ant Colony System -- 3 GLS -- 3.1 Successful
 Applications of GLS -- 4 Motivation -- 5 Proposed Solution -- 6
 Experimental Evaluation -- 7 Conclusions -- Acknowledgement --
 References -- The Appraisal of Buildable Land for Property Taxation in
 the Adopted General Municipal Plan -- Abstract -- 1 Introduction -- 2
 Context, Methodological Approach and Aims of the Work -- 3
 Procedural Analysis of the Process for the Approval of a GP: Stages and
 Schedules, Main Variables -- 3.1 Phases and Schedules -- 3.2 Main
 Variables -- 4 The Estimate of an ADNAP Area Through the
 Transformation Value -- 5 Conclusion -- References -- Modeling and
 Simulating Nutrient Management Practices for the Mobile River
 Watershed -- Abstract -- 1 Introduction -- 2 Methods -- 2.1 Study
 Area -- 2.2 Hydrological Code -- 2.3 Topographical, Landuse, and
 Meteorological Datasets -- 2.4 Water Quality Simulations -- 3 Results
 -- 3.1 Filter Strip BMP -- 3.2 Stream Bank Stabilization and Fencing
 BMP -- 4 Conclusions -- Acknowledgment -- References -- A
 Geospatial Service Oriented Framework for Disaster Risk Zone
 Identification -- 1 Introduction.
 2 Overview of the Framework -- 3 Automatic Integration of Geospatial
 Web Services -- 4 Service Oriented (SO) Framework -- 4.1 Disaster
 Relative Factor Collection and Corresponding Constraint Depiction --
 4.2 Feature Collection Based on the Disaster Factors -- 4.3 Processing
 of Individual Feature Sets -- 4.4 Integration of the Processed Feature
 Sets -- 4.5 Identification of Probable Risk Spots -- 5 Case Study of
 Execution of the Proposed Framework -- 5.1 Results -- 5.2 Discussion
 -- 6 Conclusion -- References -- Evaluation of Current State of
 Agricultural Land Using Problem-Oriented Fuzzy Indicators in GIS Envi
 ... -- Abstract -- 1 Introduction -- 2 Evaluation of Damage of Winter
 Crops by Frost -- 2.1 Modelling Winter Crops Response on the Adverse
 Agrometeorological Conditions -- 2.2 Example 1 -- 3 Evaluation of Soil
 Amendments -- 3.1 Example 2 -- 4 Evaluation of Soil Disturbance --
 4.1 Example 3 -- 5 Conclusions -- References -- New Prospects of
 Network-Based Urban Cellular Automata -- 1 Introduction -- 2 A
 Networked Global Urban Cellular Automata Framework -- 3 Challenges
 of Big Data to Networks-Based Global Urban Cellular Automata -- 4
 Discussion and Conclusion -- References -- GIS Applications to
 Support Entry-Exit Inspection and Quarantine Activities -- Abstract --
 1 Introduction -- 2 Methods -- 3 Results -- 3.1 Pilot Project -- 4
 Conclusion -- 5 Credits -- References -- Civil Security in Urban
 Spaces: Adaptation of the KDE-Method for Optimized Hotspot-Analysis
 for Emergency and Rescue Services -- Abstract -- 1 Civil Security - A
 Public Good -- 2 KDE Methods for Hotspot Analysis -- 3 Optimization
 of the Analysis Chain: Adaptation of KDE for Area-Related Issues -- 4
 Discussion of Results and Outlook -- Acknowledgements -- References
 -- A Basic Geothematic Map for Land Planning and Modeling (Daunian
 Subapennine - Apulia Region, Italy) -- Abstract.
 1 Introduction -- 2 The Study Area: Geological Setting and Existing
 Cartography -- 3 Materials and Methodology for Producing the
 Geothematic Map -- 4 The New Geolithological Map -- 4.1 Cretaceous-
 Miocene Apennine Group -- 4.2 Pliocene Wedge-Top Group -- 4.3
 Quaternary Continental Deposits -- 5 Conclusions -- References --
 Spatial Modeling and Geovisualization of Rental Prices for Real Estate
 Portals -- Abstract -- 1 Introduction -- 2 State of the Art of Analyzing
 and Mapping Rental Prices -- 2.1 Hedonic Regression as the Non-
 spatial Standard Method of Rental Price Modeling -- 2.2 Non-
 appropriate Reference Geometries to Map Hedonic Regression Results

-- 3 Selection of Spatial Modeling and Visualization Alternatives -- 3.1 Quantitative Data: Rental Property Offers Database -- 3.2 Kriging as Spatial Alternative to Model Rental Prices -- 3.3 Random Forest as an Alternative to Process Modeling -- 3.4 Prototype Development of Grid-Maps as Alternative Geovisualisation Approach -- 4 Conclusions -- References -- Constraints-Driven Automatic Geospatial Service Composition: Workflows for the Analysis of Sea-Level Rise Impacts -- 1 Introduction -- 2 Related Work -- 3 The jABC Framework and PROPHETS -- 4 Example: Synthesizing Workflows for Assessing Impacts of Sea-Level Rise -- 4.1 The Example Application -- 4.2 Domain Modeling -- 4.3 Workflow Synthesis -- 5 Conclusion -- References -- Urban Growth and Real Estate Income. A Comparison of Analytical Models -- Abstract -- 1 Introduction -- 2 The Housing Dimension in Strategic Planning -- 3 Analysing Changes in Resident Population at the Local Scale -- 4 Temporal Evolution and Spatial Distribution of Real Estate Values -- 5 Conclusions -- References -- A Digital Platform to Support Citizen-Government Interactions from Volunteered Geographic Informatio ... -- Abstract -- 1 Introduction. 2 Other Platforms for Participatory Mapping -- 3 Citizen to Government (C2G) or Bottom-up Cases -- 3.1 The Roma Neighborhood -- 3.2 The Lindavista Neighborhood -- 4 Preliminary Results -- 5 Conclusions -- References -- Future Cities Urban Transformation and Sustainable Development -- Abstract -- 1 Introduction -- 2 Resilient Cities: New Ways of Planning for Sustainable Development -- 3 Action Plans and Areas of Intervention -- 4 Urban Transformation Policies and Sustainable Mobility -- 5 Sustainable Mobility in Sicily -- 6 Conclusions -- Acknowledgements -- References -- A Seismic Risk Model for Italy -- Abstract -- 1 Introduction -- 2 Seismic Hazard -- 3 Seismic Vulnerability -- 4 Exposure -- 5 Application Results -- 6 Conclusions -- References -- Depreciation Methods for Firm's Assets -- Abstract -- 1 Introduction -- 2 Depreciation Methods -- 2.1 Straight-Line Method -- 2.2 Sum of Years Digits Method -- 2.3 Declining Balance Method -- 2.4 Declining Balance Switched to Straight-Line Method -- 2.5 Sinking-Fund Method -- 2.6 Annuity Method -- 2.7 Machine Hours Method -- 2.8 Production Units Method -- 2.9 Depletion Method -- 3 Comparison and Impact of Depreciation Methods -- 4 Concluding Remarks -- References -- A Density Dependent Host-Parasitoid Model with Allee and Refuge Effects -- 1 Introduction -- 2 The Model -- 2.1 Stability Analysis of Model (3) -- 2.2 Numerical Simulations for the Model 3 -- 3 The Model with Allee Effect -- 3.1 Stability Analysis of Model (7) -- 3.2 Numerical Simulations for the Model 7 -- 4 The Model with Host Refuge -- 4.1 Stability Analysis of Model (11) -- 4.2 Numerical Simulations for the Model 11 -- 5 Discussion -- References -- Interpreting Heterogeneous Geospatial Data Using Semantic Web Technologies -- 1 Introduction -- 2 State of the Art -- 2.1 Related Work on Geospatial Data Integration. 2.2 The Semantic Web Technologies -- 3 Semantification -- 3.1 Schema-Assisted Semantification -- 3.2 Semiautomated Schemaless Semantification -- 3.3 Extending GeoSPARQL -- 3.4 Interlinking -- 3.5 Management of Data Sources -- 4 Case Study of Semantification -- 4.1 National Strategy for Critical Infrastructure Protection -- 4.2 Distributed Data in Spatial Data Infrastructures -- 5 Conclusion -- 5.1 Future Work -- References -- Identification of Transport Vehicle for Mobile Network Subscribers -- Abstract -- 1 Introduction -- 2 Method -- 3 Application -- 4 Conclusions -- Acknowledgments -- References -- Light Penetration Ability Assessment of Satellite Band for Seagrass Detection Using Landsat 8 OLI Satellite Data -- Abstract -- 1 Introduction -- 2 Material -- 3 Method -- 3.1 Satellite Data Processing

-- 3.2 Retrieval of Seagrass Features -- 4 Results -- 5 Discussion -- 6 Conclusion -- Acknowledgements -- References -- Specifying the Computation Viewpoints for a Corporate Spatial Data Infrastructure Using ICA's Formal Model -- Abstract -- 1 Introduction -- 2 ICA's Formal SDI Model -- 2.1 Computation Viewpoint -- 3 SDI-Cemig -- 3.1 Computational Objects of SDI-Cemig and Their Interfaces -- 4 Discussion of Results -- 5 Conclusions -- Acknowledgment -- References -- Processing and Geo-visualization of Spatio-Temporal Sensor Data from Connected Automotive Electronics Systems -- Abstract -- 1 Introduction -- 2 Data, Content and Application Potential -- 3 Data Logging, Filtering and Visualization -- 4 Additional Data Processing -- 5 Need for Holistic and Integrated Approaches -- 6 Conclusion and Outlook -- Acknowledgement -- References -- Quality Attributes and Methods for VGI -- Abstract -- 1 Introduction -- 2 Related Works -- 3 Tools to Develop VGI Systems -- 3.1 Ushahidi Platform -- 3.2 ClickOnMap Platform -- 4 Quality Attributes and Methods for VGI.
4.1 VGI Quality Attributes.

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.	UNINA9910144249703321
Titolo	Galáxia : revista transdisciplinar de comunicação, semiótica, cultura
Pubbl/distr/stampa	São Paulo, : Educ, 2001-
ISSN	1982-2553
Descrizione fisica	1 online resource
Soggetti	Communication Semiotics Periodicals.
Lingua di pubblicazione	Portoghese
Formato	Materiale a stampa
Livello bibliografico	Periodico
Note generali	Refereed/Peer-reviewed