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Nota di contenuto	Intro -- Preface -- Organization -- Contents -- Smart City in Resource Management and Sustainable Ecosystem -- Assessing Governance Issues of Underground Utility As-Built Records -- Abstract -- 1 Introduction -- 2 Research Approach -- 3 Management Methodologies and Functions of As-Built Records -- 4 Current Data Quality of As-Built Records in Hong Kong -- 5 Conclusions -- References -- A Simple Approach for Guiding Classification of Forest and Crop from Remote Sensing Imagery: A Case Study of Suqian, China -- Abstract -- 1 Introduction -- 2 Algorithm -- 2.1 Reconstructing NDVI Time-Series Data -- 2.2 Classification and Decision Tree -- 2.3 Segmentation of

Imageries -- 2.4 The Fusion of the Cover Mask -- 3 Materials and Methods -- 3.1 Study Area -- 3.2 Satellite Data and Pre-Processing -- 4 Results -- 4.1 MODIS Forest and Crop Cover Masks -- 4.2 TM Forest and Crop Cover Masks -- 4.3 Implementation of Fusion and Classification -- 5 Discussion -- 6 Conclusion -- Acknowledgements -- References -- Landscape Changes and Ecological Effects on Dali City, Yunnan Province -- Abstract -- 1 Introduction -- 2 Study area -- 3 Methods -- 4 Results and analysis -- 4.1 Analysis of land use/cover in multi-periods -- 4.2 Class level index analysis -- 4.3 Landscape level index analysis -- 5 Conclusion -- References -- Urban Traffic Operation Pattern and Spatiotemporal Mode Based on Big Data (Taking Beijing Urban Area as an Example) -- Abstract -- 1 Introduction -- 2 Areas Studied and Data Source -- 2.1 Brief Introduction of the Areas Studied -- 2.2 Data Source and Management -- 2.3 Research Method -- 3 Analysis of Spatiotemporal Mode in Weekdays -- 3.1 The Spatiotemporal Evolution Pattern of Traffic Capacity -- 3.2 Analysis on Evolution Mode in Hotspot Areas -- 3.3 Regional Differentiation Characteristics and Effect Mechanism -- 4 Discussions -- 5 Conclusions. Acknowledgment -- References -- A Study of the Methods for the Division of the Boundary Between Urban and Rural Areas Based on Multi ... -- Abstract -- 1 Introduction -- 2 The Concept Definition and Attributes of Cities and Villages -- 2.1 The Differences and Definition of Cities and Villages -- 2.2 Perception of Urban and Rural Attributes and Principles for Selecting Indicators -- 2.3 Establishing Indicator System -- 3 Methods for the Division of the Boundary Between Cities and Villages -- 3.1 Technical Route -- 3.2 Deciding the Threshold to Judge the Boundary Between Cities and Villages -- 3.3 Multi-Factor Spatial Superposition Method -- 4 Case Analysis -- 4.1 Multi-Factor Spatial Superposition Method -- 4.2 Data Preparation and Processing -- 4.3 Empirical Analysis and Conclusions -- 5 Conclusion -- References -- Empirical Analysis of the Impact Which the Shared Resources Have on the Competitive Advantages of th ... -- Abstract -- 1 Introduction -- 2 The Composition of the Shared Resources in the Logistics Industry Clusters -- 3 Theory Analysis and Hypothesie Proposal -- 3.1 Impact of Location Resources on the Enterprises Competitive Advantage -- 3.2 Impacts of Material Resources on the Enterprises Competitive Advantages -- 3.3 Impacts of Brand Resources on the Enterprises Competitive Advantages -- 3.4 Impacts of Collective Learning and Knowledge Sharing Channel Resources on the Enterprises Compet ... -- 3.5 Impacts of Specialized Division of Labor and Cooperation Resources on the Enterprises Competitiv ... -- 3.6 Impacts of Supporting Institution Resources on the Enterprises Competitive Advantages -- 3.7 Impacts of Order Resources on the Enterprises Competitive Advantage -- 4 Empirical Research -- 4.1 Scale Reliability and Validity Analysis11Because of limited space, this paper omits the EFA and ... -- 4.2 The Initial Structure Equation Model. 5 Conclusion -- References -- The Research on the Dual-Channel Supply Chain Coordination with Compensation Strategy When the Costs of Production Are Changing -- Abstract -- 1 Introduction -- 2 Problem Statement -- 3 Model Structure -- 3.1 The Centralized Decision-Making -- 3.2 Decentralized Decision-Making -- 4 The Compensation Strategy -- 4.1 The Optimal Pricing of Electronic and Traditional Channel Under the Costs of Production Changes -- 4.2 The Total Profits of Dual-Channel Supply Chain When Meet the Constraint -- 4.3 The Order Transfer Fee When Meet the Constraint -- 5 Numerical Example -- 6 Conclusions -- Acknowledgement -- Appendix -- References -- GIS-Based Commute Analysis Using Smart Card Data: A

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Sommario/riassunto

This volume constitutes the refereed proceedings of the Third International Conference on Geo-Informatics in Resource Management and Sustainable Ecosystem, GRMSE 2015, held in Wuhan, China, in October 2015. The 101 papers presented were carefully reviewed and selected from 321 submissions. The papers are divided into topical sections on Smart City in Resource Management and Sustainable Ecosystem; Spatial Data Acquisition Through RS and GIS in Resource Management and Sustainable Ecosystem; Ecological and Environmental Data Processing and Management; Advanced Geospatial Model and Analysis for Understanding Ecological and Environmental Process; Applications of Geo-Informatics in Resource Management and Sustainable Ecosystem.