

1. Record Nr.	UNINA9910878053003321
Autore	Gervasi Osvaldo
Titolo	Computational Science and Its Applications – ICCSA 2024 Workshops : Hanoi, Vietnam, July 1–4, 2024, Proceedings, Part X // edited by Osvaldo Gervasi, Beniamino Murgante, Chiara Garau, David Taniar, Ana Maria A. C. Rocha, Maria Noelia Faginas Lago
Pubbl/distr/stampa	Cham : , : Springer Nature Switzerland : , : Imprint : Springer, , 2024
ISBN	9783031653322 3031653327
Edizione	[1st ed. 2024.]
Descrizione fisica	1 online resource (462 pages)
Collana	Lecture Notes in Computer Science, , 1611-3349 ; ; 14824
Altri autori (Persone)	MurganteBeniamino GarauChiara TaniarDavid C. RochaAna Maria A Faginas LagoMaria Noelia
Disciplina	004.6
Soggetti	Computer networks Computer science Computer engineering Artificial intelligence Computer systems Computer Communication Networks Computer Science Computer Engineering and Networks Artificial Intelligence Computer System Implementation
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Intro -- Preface -- Welcome Message from Organizers -- Organization -- Plenary Lectures -- Harnessing Artificial Intelligence for Enhanced Spatial Analysis of Natural Hazard Assessments -- Software Engineering Research in a New Situation -- Interpretability and Privacy Preservation in Large Language Models (LLMs) -- Contents - Part X -- Smart Tourism (SmartTourism 2024) -- Smart Tourism and Platforms.

Italia.It, the Italian Tourism Digital Hub -- 1 Introduction -- 2 Tourism and Digitalization -- 2.1 Smart Tourism -- 2.2 Smart Tourism Destination -- 2.3 Sharing Economy and Tourism Platform -- 3 Italia.It. The Italian Tourism Digital Hub -- 3.1 Italian Tourism Digital Hub -- 3.2 The Platform Italia.It -- 4 Discussion -- 5 Conclusion -- References -- City, Tourism, and Food. The Italian Street Food Experience as a Connecting Resource and Local Identity -- 1 Introduction -- 2 Related works -- 3 Objectives, Materials and Method -- 3.1 The Urban Dimension of Street Food: Between Definition and Localization -- 3.2 City, Tourism, and Food -- 4 Street Food in Italy. Perspectives for an Integrated Development -- 5 Conclusions -- References -- Transport Infrastructures for Smart Cities (TISC 2024) -- Experimental Campaign on the Application of Fast Falling Weight Deflectometer for Possible Rapid Bridge Condition Monitoring -- 1 Introduction -- 2 Methods -- 2.1 Falling Weight Deflectometer -- 2.2 Data Acquisition and Analysis -- 3 Case Study -- 4 Data Analysis -- 5 Conclusions -- References -- Evaluation of Utility Cut Patching on Pavement Structure -- 1 Introduction -- 2 Case Study -- 3 Research Methodology -- 4 Results -- 5 Conclusion -- References -- Towards the Development of Injury Matrix: Preliminary Analysis Through Multi-body Codes for Vulnerable Users -- 1 Introduction -- 2 Method -- 2.1 Multi-body Models -- 2.2 Virtual Crash. 2.3 Calibration of the Model Through Literature Data -- 2.4 Calibration Scenario: E-scooter - SUV -- 3 Simulation of E-scooter - Pedestrian Accident -- 4 Analysis and Discussion of Results -- 4.1 Impact of Rider -- 5 Conclusion -- References -- A Literature Review on Bus Comfort On-Board -- 1 Introduction -- 2 Methodology -- 2.1 Clustering Comfort on Board by Attributes -- 2.2 Clustering Comfort on Board by Methodologies -- 3 Results and Discussion -- 4 Conclusion -- References -- International Ports in Medium-Sized Cities in Greece - Coexistence Problems and Planning Challenges in the Era of Smartness and Sustainability -- 1 Research Framework -- 2 Assessing Port City Relationships - The Need for a Dynamic Multifactorial Approach -- 3 Methodology and Main Stages of Research -- 4 International Ports in Medium-Sized Cities on the Greek Mainland -- 5 Greek Regional Port Cities of International Scope as Hubs of the Global Transport Network. Accessibility, Proximity and Networking -- 6 Greek Regional Port Cities of International Scope as Part of the National Urban Network - Features, Peculiarities and Dynamics -- 6.1 The Port - Approaching Its Performance and Scope -- 6.2 The City - Identifying Characteristics and Developmental Prospects -- 6.3 The Port City Waterfront - Assessing Spatial Continuity and Urban Integration -- 7 Insights from the Comparative Monitoring of Greek Regional Port Cities of International Scope and Open Issues -- References -- Machine Learning Tools for Predicting the Outcome of Pedestrian Crashes: Preliminary Findings in the Metropolitan City of Rome -- 1 Introduction -- 2 Crash Data -- 2.1 Descriptive Statistical Analysis -- 3 Method -- 3.1 Machine Learning Process -- 4 Results -- 5 Conclusions -- References. Sustainability and Cost Efficiency in Asphalt Production: A Comparison of Mixing Technologies and the Case Study in Sardinia (Italy) -- 1 Introduction -- 2 HMA, WMA, RAP - Definitions -- 3 Trends in Asphalt Production in Europe - 2022 -- 4 Cost Analysis to 2024 to Produce HMA, WMA with and Without the Use of RAP - Case Study in Sardinia -- 4.1 The Production Facility -- 4.2 Mix Design -- 4.3 Quantities and Costs -- 5 Conclusions -- References -- From Structural to Transformative-Change of City Environment: Challenges and Solutions and Perspectives (TRACE 2024) -- Sustainable Finance

Disclosure Regulations as a Tool for Change of City Environment -- 1  
Introduction -- 2 Methods and Materials -- 2.1 An Overview of ESG --  
2.2 The Main Characteristics of Environmental, Social, and Governance  
Factors -- 2.3 The Impact of ESG on Reporting -- 3 Data Analysis:  
Impacts and Innovations -- 3.1 National and International Regulation  
-- 3.2 The Corporate Sustainability Reporting Directive (CSRD) -- 3.3  
The Introduction of New Sustainability Standards: The ESRS -- 4  
Conclusion -- References -- Sustainable Initiatives of Industrial  
Archaeology Conservation and Reuse: The Case-Study of the St Paul's  
Storage in Rome -- 1 Case Study Description -- 2 Socio-Urban Context  
Analysis -- 2.1 SWOT Analysis -- 2.2 Survey of the Local Needs -- 3  
Economic and Financial Feasibility of the Intervention -- 3.1 Direct  
and Indirect Revenue Appraisal -- 3.2 Intervention and Management  
Costs -- 3.3 Discounted Cash Flow Analysis -- 4 Conclusions --  
References -- Financialization of the Real Estate Market in Spain -- 1  
Introduction -- 2 Methodology -- 3 Results -- 4 Discussion -- 5  
Conclusions -- References -- Renewalling Public Real Estate Asset  
in Sustainable Perspective: Guidelines from International Best Practices  
-- 1 Introduction -- 2 Materials and Method.  
2.1 Two-Way Researching Method: Bottom-Up & Top-Down --  
2.2 Le Lignon Pilot Case -- 2.3 Implementing the Two-Way Research  
Methods -- 3 Results -- 4 Conclusions -- References -- Ecosystem  
Services Accounting and AHP for Prioritizing Landscape Design  
Strategies in Urban Areas -- 1 Introduction -- 2 Material and Methods  
-- 2.1 Study Area -- 2.2 Methodological Approach -- 2.3 Ecosystem  
Services in the Study Area -- 2.4 Ecosystem Services Accounting  
and AHP -- 2.5 Implementation Pathway -- 3 Results and Discussion  
-- 4 Conclusions -- References -- Temporary Real Estate Management:  
Approaches and Methods for Time-Integrated Impact Assessments  
and Evaluations (TREAT 2024) -- Roles and Responsibilities. Analysing  
Stakeholder Roles and Value Transactions in Temporary Use  
of Buildings -- 1 Introduction -- 1.1 The Duality of Vacancy -- 1.2  
Recognition of the Value of Temporary Use to Activate Vacant  
Buildings. -- 1.3 Aims and Methods -- 2 Brussels' Temporary Projects  
-- 2.1 Allée du Kaai -- 2.2 Le Tripostal -- 2.3 See U -- 2.4 Circularium  
-- 2.5 Studio Citygate -- 3 Actors in Temporary Use Projects -- 3.1  
Temporary Users -- 3.2 Temporary Project Managers -- 3.3 Property  
Owners -- 3.4 Intermediate Actors -- 4 Building an Ecosystem -- 4.1  
Value Network Mapping -- 4.2 Power Dynamics -- 5 Conclusion --  
References -- A Co-governance Process for the Adaptive Reuse  
of Cultural Heritage: The Experience of St. Michael Cloister in Anacapri  
-- 1 Introduction -- 2 Materials and Methods -- 2.1 Co-governance  
Models and Social Evaluation -- 2.2 The Methodological Approach:  
Phases, Steps and Tools -- 3 The Case Study -- 4 The In.Kiostro  
Decision-Making Process -- 4.1 Alternatives Formulation and Co-  
evaluation -- 4.2 Selection of the Preferable Alternative -- 4.3 Results  
-- 5 Discussion and Conclusions -- References.  
Third Places and Transitory Uses: The Experimental Project "Hall -  
Hemicycle Agrifood Living Lab" in the East of Naples -- 1 Introduction  
-- 2 Theoretical Approach -- 2.1 Moving Spaces in "Infinite Places" --  
2.2 Transitory Uses for Experimenting the "Possible Overlooked" -- 2.3  
Transitory Space in Naples: Projects, Experimentations, Perspective -- 3  
Case Study and Methodology -- 3.1 The Integrated Project "Hall-  
Hemicycle Agrifood Living Lab, Agritecture in Transition for EastNaples"  
-- 3.2 Immersion: The Hemicycle Multidimensional Values -- 3.3  
Strategy: Transitory Uses and Evolutionary Design for "Hall" Activation  
-- 3.4 Experimentation: Three Scenarios Compared for the Urban Block  
of the Hemicycle -- 4 Conclusion -- 4.1 Transient Uses for Projecting

into the "Future Anterior" -- References -- Transport and Digital Multiscale Sustainable Network for Circular Economy (Trans-Net 2024) -- The Dynamics of Containerized Transport in the Mediterranean Sea -- 1 Introduction -- 2 Literature Review -- 3 Data Collection -- 4 Method -- 5 Results and Discussion -- 6 Conclusion -- References -- Reshoring in Fashion: Overview of Current Trends and Motivation to Production and Re-localisation in the T&A Sector -- 1 Introduction -- 2 The Fashion Industry: Overview and Present Trends on Sustainability -- 3 The Fashion Industry in Italy: Analysis of the Economic Importance of the Sector -- 4 Towards Sustainable Globalisation: Offshoring and Reshoring Trends -- 4.1 The Role of Reshoring on Sustainability -- 5 Methodology and Data -- 6 Results and Discussion -- 7 Conclusion -- 7.1 Theoretical and Practical Contributions -- References -- The Mediterranean Maritime Network of Container Shipping: Spatial Structure and Regional Dynamics -- 1 Introduction -- 2 Data Collection -- 3 Method -- 4 Results and Discussion -- 5 Conclusion -- Appendix -- References. Urban Regeneration: Innovative Tools and Evaluation Model (URITEM 2024).

---

### Sommario/riassunto

This eleven-volume set LNCS 14815 – 14825 constitutes the refereed workshop proceedings of the 24th International Conference on Computational Science and Its Applications, ICCSA 2024, held at Hanoi, Vietnam, during July 1–4, 2024. The 281 full papers, 17 short papers and 2 PHD showcase papers included in this volume were carefully reviewed and selected from a total of 450 submissions. In addition, the conference consisted of 55 workshops, focusing on very topical issues of importance to science, technology and society: from new mathematical approaches for solving complex computational systems, to information and knowledge in the Internet of Things, new statistical and optimization methods, several Artificial Intelligence approaches, sustainability issues, smart cities and related technologies.

---