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Collana	Progress in IS, , 2196-8713
Disciplina	650
Soggetti	Business information services Application software Human geography Architecture Sustainability Management IT in Business Computer and Information Systems Applications Human Geography Cities, Countries, Regions
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references at the end of each chapters.
Nota di contenuto	Small and Medium-sized Cities and Insular Communities in the Mediterranean: Coping with Sustainability Challenges in the Smart City Context -- Spatial Data Management and Visualization Tools and Technologies for Enhancing Participatory e-Planning in Smart Cities -- Baakline: Towards a Smart City – Leading Change in Chouf Souayjani Region -- Smartening-up Communities in Less-Privileged Urban Areas – The DemoCU Participatory Cultural Planning Experience in Korydallos – Greece Municipality -- Using Traditional and New Digital Technology Tools to Promote Sustainable Mobility: Current Trends in the Evolving Transformation of the Smart City -- Turning Messina into a Smart City: The #SmartME Experience -- The Smart City as Shared Design Space -- Express Yourself/City - Smart Participation Culture Technologies --

Smart and Sustainable: Lessons from Fogo Island -- Adaptive Planning for Reducing Negative Impacts of Climate Change in Case of Hungarian Cities -- ICT Applications in Smart Ecotourism Environments -- Maritime Tourism Development and Prospects in Coastal Cities: The Case of Heraklion, Chania and Limassol -- Business Route Planning Using GIS Technology: The Case of Footwear and Leather Retail Stores in Central Athens -- Spatial Micro Level Analysis of Building Structures in Samos Island -- Geographical Analysis of Emergency Evacuations in the Aegean Sea: Towards the Utilization of Big Data Analytics -- Enabling Flexibility from Demand-side -- Resources through Aggregator Companies -- Test System for Mapping Interdependencies of Critical Infrastructures for Intelligent Management in Smart Cities -- Disaster Prevention and Emergency Response Using Unmanned Aerial Systems. .

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#### Sommario/riassunto

This book sheds new light on the current and future challenges faced by cities, and presents approaches, options and solutions enabled by Information and Communication Technologies (ICT) in the smart city context. By focusing on sustainability objectives within a rapidly changing social, economic, environmental and technological setting, it explores a variety of planning challenges faced by contemporary cities and the power of smart city developments in terms of providing innovative tools, approaches, methodologies and technologies to help cities cope with these challenges. Key issues addressed include smart city (e-) planning and (e-)participation; smart data management to facilitate decision-making processes in cities and insular communities on a variety of topics; smart and sustainable management aspects of climate change, water scarcity, mobility, energy, infrastructure, tourism, blue growth, risk assessment; etc. The book presents current and potential pathways and applications for the evolution of smart cities and communities, taking into consideration the unique problems and opportunities emanating from their specific geographical location. The case study examples mainly concern small and medium-sized cities and communities as well as insular areas in the Mediterranean region, while also incorporating lessons learned from other parts of the world. Their focus is on the specific opportunities and threats emerging in these urban and insular environments, which are characterized by their role as globally known tourist destinations, their coastal or port character, and unique cultural resources, as well as high rated vulnerability in very many sustainability respects (social, economic, biodiversity, urbanization, migration, poverty, etc.) to be found in the Mediterranean region at large.

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