

1. Record Nr.	UNINA9910299602303321
Titolo	Smart Planning: Sustainability and Mobility in the Age of Change // edited by Rocco Papa, Romano Fistola, Carmela Gargiulo
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2018
ISBN	3-319-77682-7
Edizione	[1st ed. 2018.]
Descrizione fisica	1 online resource (XII, 374 p. 110 illus., 81 illus. in color.)
Collana	Green Energy and Technology, , 1865-3529
Disciplina	307.12160945
Soggetti	Energy policy Transportation engineering Traffic engineering Urban geography Energy Policy, Economics and Management Transportation Technology and Traffic Engineering Urban Geography / Urbanism (inc. megacities, cities, towns)
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Knowledge of places: An ontological analysis of the social level in the city -- Smart Land: Regeneration and Sustainability in Lost Scenery and New Performances -- Reducing urban entropy employing nature-based solutions: the case of urban storm water management -- Cities and energy consumption: strategies for an energy saving planning -- Increasing hydrological resilience employing nature-based solutions: a modelling approach to support spatial planning -- Indicators and Actions for the Smart and Sustainable City: a Study on Italian Metropolitan Cities -- Effect of Urban Greenspaces on Residential Buildings' Energy Consumption: Case Study in a Mediterranean Climate -- Integrating Green Infrastructure and Ecological Corridors: a Study Concerning the Metropolitan Area of Cagliari (Italy) -- Sustainability of local plans and urban sectors. Proposal for an operating procedure -- Conflicts and Sustainable Planning: Peculiar Instances Coming from Val D'Agri Structural Inter-municipal Plan -- Linking knowledge to action with geodesign -- "Smart" Planning to Enhance Non motorised and Safe

Mobility in Today's Cities -- Territorial governance and mobility management. A smart perspective for an Alpine city -- The Area Trademark for the launch of sustainable processes of Smart Planning in rural areas -- Planning and designing walkable cities: a smart approach -- A method of multi-criteria assessment of walkability to guide the design of interventions in urban crossings -- Assessing urban form along transit corridors insight from the three largest Italian cities -- Slow mobility and cultural tourism. Walking on historical paths -- Estimation of Mobility Flows at Sub-regional Level: an Application to Piedmont Based on a Socioeconomic Scenario -- Milan: the Configuration of a Metropolis -- Shaping the Sustainable Urban Mobility. The Catania Case Study.

Sommario/riassunto

This book offers an overview of sustainability and urban mobility in the context of urban planning – topics that are of considerable interest in the development of smart cities. Environmental sustainability is universally recognized as a fundamental condition for any urban policy or urban management activity, while mobility is essential for the survival of complex urban systems. The new opportunities offered by innovations in the mobility of people, goods and information, as well as radically changing interactions and activities are transforming cities. Including contributions by urban planning scholars, the book provides an up-to-date picture of the latest studies and innovative policies and practices in Italy, of particular interest due to its spatial, functional and social peculiarities. Sustainability and mobility must form the basis of “smart planning” – a new dimension of urban planning linked to two main innovations: procedural innovation in the management of territorial transformations and the technological innovation of the generation, processing and distribution of data (big data) for the creation of new "digital environments" such as GIS, BIM, models of augmented and mixed reality, useful for describing changes in human settlement in real time.
