

1. Record Nr.	UNINA9910299611503321
Titolo	Low-carbon City and New-type Urbanization : Proceedings of Chinese Low-carbon City Development International Conference // edited by Songlin Feng, Weiguang Huang, Jun Wang, Mingquan Wang, Jun Zha
Pubbl/distr/stampa	Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 2015
ISBN	3-662-45969-8
Edizione	[1st ed. 2015.]
Descrizione fisica	1 online resource (395 p.)
Collana	Environmental Science, , 2661-8222
Disciplina	363.738746091732
Soggetti	Energy policy Energy and state Sociology, Urban Environmental monitoring Energy Policy, Economics and Management Urban Sociology Environmental Monitoring
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Preface and Introduction -- Low-carbon city planning and design -- New energy sources and distributed energy -- Low-carbon city technique and evaluation -- New technologies and products of low-carbon city -- Policy and management of low-carbon city -- Low-carbon transport and infrastructure -- Low-carbon city and smart city.
Sommario/riassunto	In the face of increasingly serious resource and environmental challenges, the world has already accepted low-carbon development as the main way forward for future city construction. Chinese cities have encountered many problems during their development, including land constraints, energy shortages, traffic congestion and air pollution. For this reason, the national meeting of the Central Work Conference on Urbanization made the strategic decision to take a new approach to urbanization and indicated that in future the key features of urbanization in China will be low-carbon development and harmony between the environment and resources. This book discusses the "low-

carbon city" as the new pattern of Chinese urbanization. This represents a major change and takes "intensive land use," "intelligent," "green" and "low carbon" as its key words. Low carbon will become an important future development direction for Chinese urbanization development. In the twenty-first Century in response to the global climate change, countries have started a wave of low-carbon city construction. But in China, there are still many disputes and misunderstandings surrounding the issue. Due to a lack of research, low-carbon city construction in China is still in the early stages, and while there have been successes, there have also been failures. There are complex and diverse challenges in applying low-carbon development methods in the context of today's Chinese cities. The construction of low-carbon cities requires efficient government, the technological innovation of enterprises, and professional scholars, but also efforts on the part of the public to change their daily activities. Based on the above considerations, the collection brings together experts from urban planning and design, clean-energy systems, low-carbon transportation, new types of city infrastructure and smart cities etc., in the hope of forming some solutions for Chinese low-carbon city development.
