

Maturing Megacities

Advances in Asian Human-Environmental Research

Series Editor

Prof. Marcus Nüsser
South Asia Institute, University of Heidelberg, Germany

Editorial Board

Prof. Eckart Ehlers, University of Bonn, Germany
Prof. Harjit Singh, Jawaharlal Nehru University, New Delhi, India
Prof. Hermann Kreutzmann, Freie Universität Berlin, Germany
Prof. Ken Hewitt, Waterloo University, Canada
Prof. Urs Wiesmann, University of Bern, Switzerland
Prof. Sarah J. Halvorson, University of Montana, USA
Dr. Daanish Mustafa, King's College London, UK

Aims and Scope

The series aims at fostering the discussion on the complex relationships between physical landscapes, natural resources, and their modification by human land use in various environments of Asia. It is widely acknowledged that human-environment-interactions become increasingly important in area studies and development research, taking into account regional differences as well as bio-physical, socio-economic and cultural particularities.

The book series seeks to explore theoretic and conceptual reflection on dynamic human-environment systems applying advanced methodology and innovative research perspectives. The main themes of the series cover urban and rural landscapes in Asia. Examples include topics such as land and forest degradation, glaciers in Asia, mountain environments, dams in Asia, medical geography, vulnerability and mitigation strategies, natural hazards and risk management concepts, environmental change, impacts studies and consequences for local communities. The relevant themes of the series are mainly focused on geographical research perspectives of area studies, however there is scope for interdisciplinary contributions.

For further volumes:
<http://www.springer.com/series/8560>

Uwe Altrock • Sonia Schoon
Editors

Maturing Megacities

The Pearl River Delta in Progressive
Transformation

 Springer

Editors

Uwe Altrock
School of Architecture, Urban Planning
and Landscape Planning
Department of Urban Regeneration
and Renewal
University of Kassel
Kassel, Germany

Sonia Schoon
School of Architecture, Urban Planning
and Landscape Planning
Department of Urban Regeneration
and Renewal
University of Kassel
Kassel, Germany

ISSN 1879-7180

ISSN 1879-7199 (electronic)

ISBN 978-94-007-6673-0

ISBN 978-94-007-6674-7 (eBook)

DOI 10.1007/978-94-007-6674-7

Springer Dordrecht Heidelberg New York London

Library of Congress Control Number: 2013943459

© Springer Science+Business Media Dordrecht 2014

This work is subject to copyright. All rights are reserved by the Publisher, whether the whole or part of the material is concerned, specifically the rights of translation, reprinting, reuse of illustrations, recitation, broadcasting, reproduction on microfilms or in any other physical way, and transmission or information storage and retrieval, electronic adaptation, computer software, or by similar or dissimilar methodology now known or hereafter developed. Exempted from this legal reservation are brief excerpts in connection with reviews or scholarly analysis or material supplied specifically for the purpose of being entered and executed on a computer system, for exclusive use by the purchaser of the work. Duplication of this publication or parts thereof is permitted only under the provisions of the Copyright Law of the Publisher's location, in its current version, and permission for use must always be obtained from Springer. Permissions for use may be obtained through RightsLink at the Copyright Clearance Center. Violations are liable to prosecution under the respective Copyright Law.

The use of general descriptive names, registered names, trademarks, service marks, etc. in this publication does not imply, even in the absence of a specific statement, that such names are exempt from the relevant protective laws and regulations and therefore free for general use.

While the advice and information in this book are believed to be true and accurate at the date of publication, neither the authors nor the editors nor the publisher can accept any legal responsibility for any errors or omissions that may be made. The publisher makes no warranty, express or implied, with respect to the material contained herein.

Cover image: Nomads near Nanga Parbat, 1995. Copyright © Marcus Nüsser (used with permission)

Printed on acid-free paper

Springer is part of Springer Science+Business Media (www.springer.com)

Acknowledgments

In the process of completing this edited volume, we first and foremost would like to express our gratitude to all authors who contributed a chapter to this project for their long-term cooperation on mega-urban governance, for their support with regard to content and especially for their patience during the final stages of editing.

The German Research Foundation (DFG) has been fundamental for this project. We are deeply indebted for the generous financial support from 2007 until 2013 (DFG SPP 1233, Megacities - Megachallenge) which only made possible our research in the Chinese Pearl River Delta and opened up new perspectives on mega-urban governance. The interdisciplinary nature of our research and cooperation tremendously contributed to a broader understanding of mega-urban development.

We wish to sincerely thank our energetic Chinese graduate students who worked in our project as research assistants and translators for their incessant support. In detail, we would like to acknowledge here the following persons for their valuable contributions:

Chapter 3 and many amendments of other chapters were translated from Chinese into English by Xie Liqiong.

Chapter 8 was translated from Chinese into English by Chen Yujuan.

Chapters 4, 10, 14, and parts of Chap. 11 were translated from Chinese into English by Yang Ting.

Indispensable was the formatting, which was undertaken by Xie Liqiong and Chen Yujuan.

And last but not least, we would like to thank Timothy Kotowich for his final proofreading.

Contents

Part I Introduction

- 1 The Pearl River Delta in Progressive Transformation.....** 3
Uwe Altrock and Sonia Schoon

Part II Transforming into Megacities

- 2 Second Metamorphosis? Urban Restructuring
and Planning Responses in Guangzhou and Shenzhen
in the Twenty-First Century.....** 29
Ng Mee Kam and Xu Jiang
- 3 The Influence of Regional Planning Administration
on Local Development** 61
Ma Xiangming
- 4 Cross-Border Governance: The Merger of Guangzhou
and Foshan.....** 83
Li Xun and Wu Ruitong

Part III The Reorientation Toward Urban Regeneration

- 5 Three Olds: Experimental Urban Restructuring with Chinese
Characteristics, Guangzhou and Shenzhen in Comparison** 105
Sonia Schoon
- 6 Examining China's Urban Redevelopment: Land Types,
Targeted Policies, and Public Participation.....** 123
Ye Lin

Part IV Economic Upgrading

- 7 Maturing Governance Over Time: Groping for Economic Upgrading in Guangzhou's Zhongda Cloth Market** 141
Sonia Schoon and Friederike Schröder
- 8 Formal and Informal Economies in Guangzhou's Zhongda Cloth Market** 163
Wan Xiangdong
- 9 Regeneration of Derelict Industrial Sites in Guangzhou and Shenzhen**..... 191
Uwe Altrock and Ma Hang

Part V The Evolution of Integrative Governance

- 10 Gaming and Decision-Making: Urbanized Village Redevelopment in Guangzhou** 221
Zhuang Zhiqiang
- 11 Villagers' Participation in Mega-urban Upgrading. Liede Village: Guangzhou's Pioneer** 247
Tan Xiaohong and Sonia Schoon
- 12 Elite Vision Before People: State Entrepreneurialism and the Limits of Participation**..... 267
Hyun Bang Shin

Part VI Public Open Space Between Appropriation and Marketing

- 13 Parks as Soft Location Factors** 289
Zhao Juan
- 14 The Role of Public Space in the Upgrading of Manufacturing Sites** 311
Cai Qiang, Cai Tao, Ren Jibin, and Liao Hongchun
- 15 The Role of Public Space in the Upgrading of Urbanized Villages**..... 335
Katharina Wiethoff

Part VII Conclusion

- 16 Maturing Megacities: Lessons from the Pearl River Delta Experiences**..... 359
Uwe Altrock and Sonia Schoon

About the Authors..... 371

Index..... 375

Contributors

Uwe Altrock School of Architecture, Urban Planning and Landscape Planning, Department of Urban Regeneration and Renewal, University of Kassel, Kassel, Germany

Sonia Schoon School of Architecture, Urban Planning and Landscape Planning, Department of Urban Regeneration and Renewal, University of Kassel, Kassel, Germany

Ng Mee Kam Department of Geography and Resource Management, The Chinese University of Hong Kong, Hong Kong, China

Xu Jiang Department of Geography and Resource Management, The Chinese University of Hong Kong, Hong Kong, China

Ma Xiangming Guangdong Urban & Rural Planning and Design Institute, Guangzhou, China

Li Xun School of Geography and Planning, Department of Urban and Regional Planning, Sun Yat-sen University, Guangzhou, China

Wu Ruitong The Third Department of Urban Planning, LAY-OUT Planning Consultants Ltd., Shenzhen, China

Ye Lin Center for Chinese Public Administration Research, Institute of Urban Governance and Urban Development, and School of Government, Sun Yat-sen University, Guangzhou, China

Friederike Schröder Institute of Geography, University of Hamburg, Hamburg, Germany

Wan Xiangdong Department of Sociology, Sun Yat-sen University, Guangzhou, China

Ma Hang School of Urban Planning and Management, Harbin Institute of Technology Shenzhen Graduate School, Shenzhen, China

Zhuang Zhiqiang Baiyun District Branch, Guangzhou Urban Planning Office, Guangzhou, China

Tan Xiaohong College of Urban and Environmental Sciences, Beijing University, Beijing, China

Hyun Bang Shin Department of Geography and Environment, London School of Economics and Political Science, London, UK

Zhao Juan School of Architecture, Urban Planning and Landscape Planning, Department of Urban Regeneration and Renewal, Kassel University, Kassel, Germany

Cai Qiang Institute of Landscape Architecture, Shenzhen University, Shenzhen, China

Cai Tao Institute of Landscape Architecture, Shenzhen University, Shenzhen, China

Ren Jibin Institute of Landscape Architecture, Shenzhen University, Shenzhen, China

Liao Hongchun Institute of Landscape Architecture, Shenzhen University, Shenzhen, China

Katharina Wiethoff Institute for Landscape Architecture, RWTH Aachen University, Aachen, Germany

Abbreviations

AD	Anno Domini
AL	Planning Minister
BRT	Bus rapid transit
CAUPD	China Academy of Urban Planning and Design
CBD	Central Business District
CCP	Chinese Communist Party
CMPD	China Merchants Property Development Co. Ltd.
CNY	Chinese Yuan
CO ₂	Carbon dioxide
CPPCC	Chinese People's Political Consultative Conference
CTS	China Travel Service
FAR	Floor area ratio
FDI	Foreign direct investment
GASt	Joint Planning Bureau of the States
GDP	Gross domestic product
GDUPDI	Guangdong Province Urban Planning and Design Institute
GETDD	Guangzhou Economic and Technological Development District
GPAG	Guangzhou Port Authority Group
GRA	Joint Government Committee
GSTK	Joint State Council
GTTG	Guangzhou Textile Trading Group
Guangfo	Guangzhou-Foshan
GUPB	Guangzhou Urban Planning Bureau
GUPFR	Guangzhou Urban Plan Formulation Research Centre
GZ	Guangzhou
GZMDRC	Guangzhou Municipal Development and Reform Commission
GZYEC	Guangzhou Yearbook Editorial Committee
HK	Hong Kong
HUD	Department of Housing and Urban Development

HZDET B	Haizhu District Economic and Trade Bureau
HZDG	Haizhu District Government
ICT	Information and communication technology
ILO	International Labour Organization
IMAG	Department Workshop
IV	Interview
JSC	Joint-Stock Company
KO-Ausschuss	Coordination Committee
MNC	Multinational companies
MURCEP	People's Republic of China Ministry of Urban and Regional Construction and Environmental Protection
NCRPA	National Comprehensive Reform Pilot Area
OCAT	OCT Contemporary Art Terminal
OCT	Overseas Chinese Town
OEM	Original Equipment Manufacturer
PATH	Port Authority Trans-Hudson
PlaKo	Joint Planning Conference
PRC	People's Republic of China
PRD	Pearl River Delta
PSC	Political Bureau of the Standing Committee
RMB	Renminbi
SAL	Planning Vice-minister
SAR	Special Administrative Region
SEZ	Special Economic Zone
SLIS	Separate Line-Item Status
SNA	System of National Accounts
SOE	State-owned enterprise
SSB	Shenzhen Statistics Bureau
SZ	Shenzhen
SZ2030	Shenzhen 2030 (Master Plan)
SZUPB	Shenzhen Urban Planning Bureau
UN	United Nations
US\$	US dollar
UV	Urbanized village
WTO	World Trade Organization
XIC	Xinyi International Club
ZDCM	Zhongda Cloth Market