

Current Chinese Economic Report Series

Bing-lian Liu
Shao-ju Lee
Jian-hua Xiao
Ling Wang
Zhi-lun Jiao *Editors*

Contemporary Logistics in China

Transformation and Revitalization



 Springer

Current Chinese Economic Report Series

For further volumes:
<http://www.springer.com/series/11028>

Bing-lian Liu • Shao-ju Lee • Jian-hua Xiao
Ling Wang • Zhi-lun Jiao
Editors

Contemporary Logistics in China

Transformation and Revitalization



 Springer

Editors

Bing-lian Liu
Logistics Research Center
Nankai University
Tianjin, P.R. China

Shao-ju Lee
Logistics Research Center
Nankai University
Tianjin, P.R. China

Jian-hua Xiao
Logistics Research Center
Nankai University
Tianjin, P.R. China

Ling Wang
Logistics Research Center
Nankai University
Tianjin, P.R. China

Zhi-lun Jiao
Logistics Research Center
Nankai University
Tianjin, P.R. China

ISSN 2194-7937

ISBN 978-3-642-33566-2

DOI 10.1007/978-3-642-33567-9

Springer Heidelberg New York Dordrecht London

ISSN 2194-7945 (electronic)

ISBN 978-3-642-33567-9 (eBook)

Library of Congress Control Number: 2012952085

© Springer-Verlag Berlin Heidelberg 2013

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.

Printed on acid-free paper

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

Preface

This report is a sequel to the first volume of the series entitled “*Contemporary Logistics in China: An Introduction*,” with the intention of extending the coverage of this broad subject and providing further information to the interested readers. With the steady and rapid development of China’s economy in the past decade, its logistics industry, in reflecting the market demand and being shaped by various physical and ideological influences, has gradually grown into a vibrant economic force. Its elevated interaction with the global trade partners as a prominent manufacturer and a gigantic consumption market has drawn wide attention from the world’s logistics professionals. There arose an intense interest in a comprehensive exposition of China’s logistics development in English. Yet for years there had been only scattered publications or research reports on the subject, mainly in Chinese language. The annual “Report of Logistics Development in China,” (called by the academicians, researchers, enterprises and governmental agencies in China as the “Blue Book”), published by the Logistics Research Center at Nankai University over the past decade, is a case in point. Realizing the broader interest of the English-reading community, the Center published its first English report entitled “*Contemporary Logistics in China: An Introduction*” in October 2011. The report was a first such document founded on the extensive study by a team of seasoned researchers at the Center, and was well-received by the global readers. It was organized to consist of five main sections: the development environment of China’s logistics, the supply and demand characteristic of the logistics market, the status of logistics infrastructure, emerging regional logistics, and logistics for some special segments. This coverage is adopted to afford the academic as well as practitioner readers a concise yet panorama view of the logistics development in present-day China, and an in-depth understanding of the logistics development trends of certain regions and hot issues.

This present report, as a second volume of the series, consists of seven chapters. It follows the same general conceptual organization, yet with updated analysis and discussion of logistics development, under the backdrop of the aftermath of the international financial crisis, the acceleration of the transformation of development mode and the strategic adjustment of the economic structure. The first three chapters of this report give an up-to-date summary of China’s economic development trend,

its status of logistics market development and the condition on logistics infrastructure development. The fourth chapter presents the status, the potential and special significance in logistics development of several booming economic regions: the Chengdu-Chongqing region, the Xinjiang Uygur Autonomous Region, the Northeastern region and the Zhongyuan city cluster. The rapid development of these regions has in various ways fortified the overall logistics capability of the nation.

The fifth chapter studies the current status, existing problems and future development trend of several emerging logistics segments: the fresh agricultural products logistics, the coal logistics and the express logistics. These segments have evolved swiftly in the past few years and their logistics have impacted the daily lives of all residents. Logistics needs, and enhancement of infrastructures, systems, regulations and information platforms, are explored in this chapter. The next chapter deals with the study of several hot spot logistics issues such as multimodal transport, bonded logistics and green logistics. These topics, though diversified, focus the attention on subjects that concern the logistics development in China, both for improving efficiency, consistency and for complying with the environmental responsibility. The final chapter gives a summary of the aforementioned subjects and a perspective view of the future development.

This volume, together with its predecessor report, aims to provide a comprehensive, balanced report and analysis of modern-day logistics development in China. It is based on the most up-to-date information and synthesized for a systematic presentation for readers in universities, consulting firms, media, logistics enterprises, governmental agencies, and research institutions. The appended cumulative statistics tables can also serve as a credible data source and reference manual for researchers who wish to engage in further study of the logistics development in China. Happy reading!

Contents

1	Development Environment of China’s Logistics.....	1
	Ling Wang	
2	Development Status of China’s Logistics Market	17
	Xiao-mei Jiang	
3	Development Status of China’s Logistics Infrastructure	33
	Xiao-mei Jiang	
4	China’s Logistics Development in Certain Key Regions	47
	Ping Chen, Jun Liu, Ran Wei, and Yong Liu	
5	Logistics Development in Some Key Industrial Segments	105
	Zhi-lun Jiao, Jian-hua Xiao, and Fan Qin	
6	Hot Issues in China’s Logistics Development	147
	Wei-lin Liu, Lan-bing Li, and Xiang Li	
7	Conclusions and Outlook	191
	Ling Wang	
	Index.....	199

Contributors

Ping Chen Department of Logistics Management, Nankai University, Tianjin, P.R. China

Xiao-mei Jiang College of Management, Tianjin Normal University, Tianjin, Xiqing District, P.R. China

Zhi-lun Jiao Logistics Research Center, Nankai University, Tianjin, Nankai District, P.R. China

Lan-bing Li Institute of urban and region economics, Logistics Research Center, Nankai University, Tianjin, Nankai District, P.R. China

Xiang Li Logistics Research Center, Nankai University, Tianjin, Nankai District, P.R. China

Jun Liu Logistics Research Center, Nankai University, Tianjin, Nankai District, P.R. China

Wei-lin Liu Logistics Research Center, Nankai University, Tianjin, Nankai District, P.R. China

Yong Liu Department of Logistics Management, Nankai University, Tianjin, P.R. China

Fan Qin Department of Logistics Management, Nankai University, Tianjin, P.R. China

Ling Wang Logistics Research Center, Nankai University, Tianjin, Nankai District, P.R. China

Ran Wei College of Economy and Management, Civil Aviation University of China, Tianjin, Dongli District, P.R. China

Jian-hua Xiao Logistics Research Center, Nankai University, Tianjin, Nankai District, P.R. China

