

Developing an Appropriate Contaminated Land Regime in China

Xiaobo Zhao

Developing an Appropriate Contaminated Land Regime in China

Lessons Learned from the US and UK

Second Edition

 Springer

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*To my beloved parents Xianming Jiang and
Jianguo Zhao
To Ling, Henry, and Alice*

Preface and Acknowledgements

This book is a revised version (2nd edition) of my monograph of the same title published in 2013 by Springer. This book presents the most recent development and future research trends of the contaminated land regime of China, based on a comparative study to the relevant regimes in the USA and UK. I believe that those who want to learn more about China's environmental legislation and contaminated land management will get reliable information from this book. Students studying environmental law and policy will also find this book useful. The earlier edition of this book has been used as a text of comparative contaminated land law in a couple of law schools. I hope students will continually benefit from this updated edition. Overall, this book is a work about the past, present, and future of contaminated land legislation in China. It will be of interest to environmental policy makers, administrators, academics, lawyers, and engineers engaging in soil environment protection. I sincerely hope the publication of the updated edition will benefit more readers around the world.

The first edition of this book was based on my doctoral thesis completed in Australia at the Western Sydney University (WSU) with financial support from the Chinese Scholarship Council (CSC). I wish to express my gratitude to all who have offered me their help and encouragement during the preparation of this book.

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Selected Acronyms

ARARs	Applicable or Relevant and Appropriate Requirements (USA)
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act of 1980 (also known as Superfund) (USA)
CERCLIS	Comprehensive Environmental Response, Compensation, and Liability Information System (USA)
CFR	Code of Federal Regulations (USA)
COD	Chemical Oxygen Demand
CPC	Communist Party of China
CAA	Clean Air Act (USA)
CWA	Clean Water Act (USA)
Defra	Department for Environment, Food and Rural Affairs (UK)
EA	Environmental Agency (UK)
EPA	Environmental Protection Agency (USA)
EPBs	Environmental Protection Bureaus (China)
EU	European Union
GDP	Gross Domestic Product
HRS	Hazardous Ranking System (USA)
MEP	Ministry of Environmental Protection (China)
MEE	Ministry of Ecology and Environment of China
MSW	Municipal Solid Waste (USA)
NA/NFA	No Action/No Further Action (USA)
NCP	National Contingency Plan (USA)
NGO	Non-governmental Organization
NPC	National People's Congress (China)
NPL	National Priorities List (USA)
NSBC	National Statistical Bureau of China
OECD	Organization for Economic Co-Operation and Development
PCBs	Polychlorinated Biphenyls
PPP	Polluters Pay Principle
PRC	People's Republic of China
PRP	Potentially Responsible Party (USA)

RA	Remedial Action
RBLM	Risk-based Land Management
RCRA	Resource Conservation and Recovery Act (USA)
RI/FS	Remedial Investigation/Feasibility Study (USA)
ROD	Record of Decision (USA)
SARA	Superfund Amendments and Reauthorization Act of 1986 (USA)
SEMS	Superfund Enterprise Management System
SEPA	State Environmental Protection Administration (China)
UK	United Kingdom
USA	United States

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