Energizing China

Reconciling Environmental Protection and Economic Growth

Edited by

Michael B. McElroy, Chris P. Nielsen, and Peter Lydon

Studies of Phase I of the Harvard University Committee on Environment China Project (1995–1998)



Harvard University Committee on Environment.

Distributed by Harvard University Press.

Table of Contents

Pre	FACE I
Un	its of Measurementvii
Асі	ronyms and Abbreviations ix
Сн	emical Compoundsxv
Eni	ergy Conversion Tablexvi
1.	Introduction and Overview 1 Chris P. NIELSEN and Michael B. McELROY
Eni	ergy and Emissions
2.	Energy Supply and Development in China
3.	Strategic Options for Reducing CO ₂ in China: Improving Energy Efficiency and Using Alternatives to Fossil Fuels
4.	Living with Coal: Coal-Based Technology Options for China's Electric Power Generating Sector
5.	Energy Use and Air-Pollution Impacts of China's Transportation Growth
Env	vironment and Public Health
6.	Industrial Growth, Air Pollution, and Environmental Damage: Complex Challenges for China

7.	Air Pollution and Its Health Effects in Urban China		
8.	Indoor Air Pollution from Residential Energy Use in China		
Ene	Energy and the Economy		
9.	China's Economic Growth and Carbon Emissions		
10.	Energy Economics in Building a Modern China		
The Domestic Context			
11.	Policymaking for Environmental Protection in China371 WANG Hanchen and LIU Bingjiang		
12.	Limits of the Law in Addressing China's Environmental Dilemma		
13.	The Effectiveness and Efficiency of Environmental Policy in China		
14.	From Heaven-and-Earth to Nature: Chinese Concepts of the Environment and Their Influence on Policy Implementation 473 Robert P. WELLER and Peter K. BOL		
Inti	ernational Dimensions		
15.	China and the United Nations Framework Convention on Climate Change		
16.	The Status and Trend of China's Policies on Climate Change 541 WU Baozhong, HE Kebin, FAN Yuansheng, and ZHAO Weijun		

17.	China and International Environmental Institutions: A Decision Rule Analysis
18.	Yen for the Earth: Japan's Pro-active China Environment Policy 601 Susan J. PHARR and Ming WAN
19.	Foreign Firms in The Chinese Power Sector: Economic and Environmental Impacts
Biog	graphical Notes693
Inde	ex703

Note: To observe the preferred name orders of authors, surnames are given in all capital letters.