

## Carbon Emissions in China (Springer Theses)



This study analyzes the spatial-temporal pattern and processes of China's energy-related carbon emissions. Based on extensive quantitative analysis, it outlines the character and trajectory of China's energy-related carbon emissions during the period 1995-2010, examining the distribution pattern of China's carbon emissions from regional and sectoral perspectives and revealing the driving factors of China's soaring emission increase. Further, the book investigates the supply chain carbon emissions (the carbon footprints) of China's industrial sectors. Anthropogenic climate change is one of the most serious challenges currently facing humankind. China is the world's largest developing country, top primary energy consumer and carbon emitter. Achieving both economic growth and environmental conservation is the country's twofold challenge. Understanding the status, features and driving forces of China's energy-related carbon emissions is a critical aspect of attaining global sustainability. This work, for the first time, presents both key findings on and a systematic evaluation of China's carbon emissions from energy consumption. The results have important implications for global carbon budgets and burden-sharing with regard to climate change mitigation. The book will be of great interest to readers around the world, as it addresses a topic of truly global significance.

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Given the magnitude and growth rate of Chinas carbon emissions, the country has become a trade represents 34 % of all emissions embodied in trade, and these traded emissions are growing each year. **Carbon emissions in China Zhu Liu (??) - Harvard University** Part of the series Springer Theses pp 99-102. Date: 08 Without mitigation, Chinas emissions will rise by a further 50% in the next 15 years. **Policy Implications for Chinas Low-Carbon - Springer Link** Book (PDF, 4835 KB) Download Chapter (1,056 KB). Chapter. Carbon Emissions in China. Part of the series Springer Theses pp 45-73. **Publications Zhu Liu (??) - Harvard University** Z. 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