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	Sommario/riassunto	This book employs a systematic and multi-faceted approach to explore China's coal consumption, emissions, and its development model. The book first provides an overview of the global and Chinese energy consumption trends and mix, with a particular focus on the position and role of coal. Through comparative analysis, it clarifies the importance of coal in global and Chinese energy security. It details the environmental problems arising from coal consumption, especially carbon dioxide and other harmful gas emissions, and their impacts on global climate change and human health. By collecting and analyzing extensive data, such as coal consumption volumes and carbon dioxide emission levels, the book presents the historical trends and current status of China's coal consumption and emissions. The book conducts comparative study on China and global policies related to coal consumption control and clean energy development, providing insights

and lessons for China. It explores the development model of technologies such as clean and efficient coal utilization, renewable energy, and carbon capture and storage (CCS), assessing their potential to reduce coal consumption and emissions.