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Titolo	Climate Finance : Supporting a Sustainable Energy Transition // edited by Fei Wu, Dayong Zhang, Qiang Ji
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Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	Chapter 1. The emerging field of Climate finance Theory, practice, and frontiers -- Chapter 2. Global climate finance architecture: Institutional development -- Chapter 3. Climate-driven financial innovations: green financial tools -- Chapter 4. Measuring climate risks and impacts -- Chapter 5. Climate risks and financial markets -- Chapter 6. ESG and Corporate Climate Actions -- Chapter 7. Governance and Climate Finance in the Developing World -- Chapter 8. Climate Finance and Investment in Africa: A Case Study of Ghana -- Chapter 9. Climate finance and green transition -- Chapter 10. Climate Finance and Green Innovation -- Chapter 11. Climate Finance: Policies and Regulations.
Sommario/riassunto	This book focuses on the frontier issues in climate finance and aims to develop a general framework to understand the financial pathways towards a successful energy transition. It builds upon the general descriptions of the current status and future challenges towards carbon neutral targets, and then bring forward a combination of theoretical

and empirical analysis on the critical issues related to climate finance. Estimated by the International Energy Agency (IEA), trillions dollars of investment in energy sector are needed to achieve net-zero emission scenario. It provides a huge opportunity for our economies, meanwhile creates considerable challenges to the existing system. Both financing and investment in such an unprecedented scale cannot possibly be satisfied by the current financial architecture, which creates demands for restructuring in the financial sector, developing innovative financial instruments, building mechanisms to attract private investment, and establishing human resources to facilitate climate financing and investment. This area is essentially interdisciplinary, which requires a fundamental reconsideration of standard approaches. Aiming to satisfy the broad interests from both academia and policymakers, the contents of this book range from general discussions on critical issues to advanced statistical analyses on key topics. Authors hope to bring forward a general picture about climate finance and facilitate the demands for both academic research and policymaking. It should also provide a good guidance for graduate students interested in this subject. The main contents of this book are based on solid research outcomes but with clear policy relevance. The book combines finance theory and practices in both financial markets and energy sectors to reflect the complex nature of financing for energy transition. While the materials can provide useful knowledge to policymakers, the book can also inspire new research ideas in the relevant area.

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