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Nota di contenuto	Renewable Energy -- Energy Efficiency -- New Energy Conversion and System -- Energy Storage -- Efficient Energy Conversion by Utilizing CO2 -- Heat Transport -- Carbon Control -- Resource recovery by low grade energy.
Sommario/riassunto	An in-depth collection of 45 selected papers as presented at the Global Conference on Global Warming 2014 in Beijing, China, this book covers a wide variety of topics from the main principles of thermodynamics and their role in design, analysis, and the improvements in performance of energy systems to the potential impact of global warming on human health and welfare. With energy, contributing to global warming and climate change, this work provides solutions to global warming from the point of view of energy. Incorporating multi-disciplinary knowledge and solutions, this book provides a platform for the analysis of new developments in the area of global warming and climate change and potential energy solutions including renewable

energy, energy efficiency, energy storage, hydrogen production, CO2 capture and environmental impact assessment. The research and analysis presented herein will prove useful to international scientists, researchers, engineers, policy makers and others that focus on global warming and its potential solutions.