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Titolo	Handbook of Climate Change Mitigation and Adaptation // edited by Maximilian Lackner, Baharak Sajjadi, Wei-Yin Chen
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ISBN	3-030-72579-0
Edizione	[3rd ed. 2022.]
Descrizione fisica	1 online resource (3946 pages) : illustrations (some color)
Disciplina	363.73874
Soggetti	Energy policy Energy and state Chemical engineering Environmental sciences - Social aspects Environmental chemistry Pollution Environmental engineering Civil engineering Energy Policy, Economics and Management Chemical Engineering Environmental Social Sciences Environmental Chemistry Environmental Civil Engineering
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes index.
Nota di contenuto	Climate change: Introduction, models, scenarios, impact, scientific evidence -- Established technologies for climate change mitigation -- Emerging technologies for climate change mitigation -- Climate change adaptation: Strategies to deal with global warming -- Political Framework, Education, Varia -- Business opportunities in climate change mitigation and adaptation.
Sommario/riassunto	Now in its 3rd edition, this extensively revised and significantly expanded handbook addresses important new research findings and the global need for action. There is a growing consensus that

anthropogenic activities have been driving global climate change and the consequence will be catastrophic for civilization. Reducing the 37.1 billion metric tons of CO<sub>2</sub> produced annually (2017 global emissions) along with other greenhouse gases has become a leading grand challenge and the pursuit of sustainable energy, environments and economies is a complex issue affecting the daily life of every citizen. The Handbook of Climate Change Mitigation and Adaptation collates information in this multi-disciplinary area, providing readers with a comprehensive overview on the scientific background and current technologies. Intended for an interdisciplinary, global audience of researchers at universities and in industry, it covers climate change models; established, mature and promising future technologies and ideas; the impact of climate change; strategies for dealing with global warming; the related political frameworks; and climate education. .

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