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Altri autori (Persone)	SaulnierJ. B (Jean-Bernard) VarellaMarcelo Dias
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Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	From the contents: Global Change Research II: some keys to the climate/energy crisis -- Greenhouse gases and climatic change -- New perspectives for fossil fuels: Hydrocarbons in "unconventional" settings -- Urban physical infrastructure adaptation to climate change -- Sustainable Nuclear Energy helps Europe to meet its energy challenges -- CO2 Capture transport and storage, a promising technology for limiting climate change -- New energy sources and CO2 treatment -- Introduction to Hydrogen and Fuel Cell Technologies and their Contribution to a Sustainable Energy Future -- Biomass for energy: energetic and environmental challenges of biofuels -- Meeting Environmental and Energy Challenges: CNG Conversion of Motor Vehicles in Dhaka.- After Copenhagen, Revisiting both the scientific and political framings of the climate change regime -- The Drafting of the Future International Climate Regime: From the Copenhagen Accord to the Cancún Agreements -- (…) -- Index.
Sommario/riassunto	This book analyses the deep interaction between the world’s environmental crises, energy production, conversion and use, and global regulation policies. Bringing together experts from a wide range of scientific fields, including physics, geosciences, social sciences, and so on, it offers the reader a broad scope of knowledge on

such topics as: climate change and exhaustion of resources the relationship between basic science and the development of sustainable energy technologies the relationship between global and local environmental policies the possible competition between foodstuff production and that of agro-fuels The conclusions emphasize five technological keys for the solution of the energy/environmental crisis: improvement of energy efficiency and savings green electricity production nuclear energy carbon management energy vector use optimisation Further keys, such as: urban adaptation negotiations at the international level financial rules are to be found in fields such as law and politics. This book invites the reader to consider the multidisciplinary aspects of these urgent energy/environmental issues. It will be of special interest to those involved in environmental protection, energy issues and sustainable development, and international relations.