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                        Perspective / / edited by Hassan Qudrat-Ullah, Muhammad Asif

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   Descrizione fisica   1 online resource (X, 338 p. 91 illus., 66 illus. in color.)

   Collana   Lecture Notes in Energy, , 2195-1284 ; ; 77

   Disciplina   333.794

   Soggetti   Energy security
                        Sustainable development
                        Natural resources
                        Climate change
                        Renewable energy resources
                        Energy Security
                        Sustainable Development
                        Natural Resource and Energy Economics
                        Climate Change/Climate Change Impacts
                        Renewable and Green Energy

   Lingua di pubblicazione   Inglese

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   Note generali   Includes index.

   Nota di contenuto   Prologue -- PART I: Dynamics of Energy, Environment and Economy: An
                        Introduction -- PART II: Climate Change, Energy and Economic
                        Dynamics: Trends, Issues, and Perspectives -- PART III: Climate
                        Change, Energy and Economic Dynamics: Towards Sustainable
                        Solutions -- PART IV: Conclusion and Future Directions -- Index of
                        authors -- Index of subjects and topics.

   Sommario/riassunto   The book addresses the vital and interwoven areas of energy,
                        environment, and the economy within the field of sustainability
                        research. Fundamental technical details, empirical data, and case
                        studies taking into account local and international perspectives are
                        included. Issues such as energy security, depleting fossil fuel reserves,
                        global warming and climate change, as well as novel energy
                        technologies are covered. The dynamic global response will be

discussed from the perspective of policy, technology, and economics. Vital details in the form of text boxes, illustrations, graphs, tables and appendices are included. The book will serve as reference book for upper-level undergraduate and graduate students, researchers, academics, policy makers, NGOs and developmental sector professionals within the field. .