

1. Record Nr.	UNINA9910784529203321
Titolo	Greenhouse gas control technologies [[electronic resource]] : proceedings of the 6th International Conference on Greenhouse Gas Control Technologies, 1-4 October 2002, Kyoto, Japan . Volume II // edited by J. Gale, Y. Kaya
Pubbl/distr/stampa	Amsterdam ; ; Boston, : Pergamon, 2003
ISBN	1-281-41067-5 9786611410674 0-08-053262-4
Edizione	[1st ed.]
Descrizione fisica	1 online resource (957 p.)
Altri autori (Persone)	GaleJ <1956-> (John) KayaYoichi <1934->
Disciplina	363.738746
Soggetti	Greenhouse gases - Environmental aspects Air - Purification - Technological innovations
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	"The present conference, GHGT-6, was organized jointly by IEA GHG, the Research Institute of Innovative Technology for the Earth (RITE), Japan, and the Japan Society of Energy and Resources (JSER)."--P. v.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Front Cover; Greenhouse Gas Control Technologies; Copyright Page; Foreword; Contents; VOLUME II; PART I: ENERGY EFFICIENCY - GENERAL; Chapter 1. Energy Efficiency and Environmental Implications in India's Household Sector; Chapter 2. Effect on CO2 Reduction of Installation of Outer Skin Surface Technologies in Houses and Office Buildings; Chapter 3. Evaluation of RDF Power Generation of Large-area Waste Treatment by LCA; Chapter 4. Contributing to Reduction of CO2 Emissions Through Development of a Heat-integrated Distillation Column Chapter 5. Effect of Fluctuation of Hot-water Demand on Actual Performance of Home Co-generation SystemChapter 6. Literature Survey on Economics of Environmental Friendly Electricity Production; PART II: ENERGY EFFICIENCY - INDUSTRY; Chapter 7. The Cement Industry and Global Climate Change: Current and Potential Future Cement Industry CO2 Emissions; Chapter 8. Improvement in Energy Efficiency of Re-rolling Furnaces for Stainless Steel Industry at Jodhpur,

Rajasthan, India

Chapter 9. Implementation of a Corporate-wide Process for Estimating Energy Consumption and Greenhouse Gas Emissions from Oil and Gas Industry Operations; Chapter 10. Thermoneutral Co-production of Metals and Syngas without Greenhouse Gas Emissions; Chapter 11. An Analytical Method of Constructing Best-mixed Power Generation Systems Reflecting Public Preference; Chapter 12. Application of the API Compendium of Greenhouse Gas Emissions Estimation Methodologies for the Oil and Gas Industry to Examine Potential Emission Reductions; Chapter 13. Cleaner Production Technology and Bankable Energy Efficiency Drives in Fertilizer Industry in India to Minimise Greenhouse Gas Emissions - Case Study; Chapter 14. CO₂ Reduction in the Ironmaking Process by Waste Recycling and By-product Gas Conversion; PART III: ZERO EMISSION POWER PLANTS; Chapter 15. Clean Coal-fired Power Plant Technology to Address Climate Change Concerns; Chapter 16. An 865 MW Lignite Fired CO₂ Free Power Plant - A Technical Feasibility Study; Chapter 17. Recent Developments on Flue Gas CO₂ Recovery Technology; Chapter 18. IGCC - The Best Choice for Producing Low-CO₂ Power; Chapter 19. Modeling Infrastructure for a Fossil Hydrogen Energy System with CO₂ Sequestration; PART IV: ECONOMICS; Chapter 20. A CO₂-Infrastructure for EOR in the North Sea (CENS): Macroeconomic Implications for Host Countries; Chapter 21. Economic Modeling of the Global Adoption of Carbon Capture and Sequestration Technologies; Chapter 22. Economic Benefits of a Technology Strategy and R&D Program in Carbon Sequestration; Chapter 23. Prospects for Carbon Capture and Sequestration Technologies Assuming Their Technological Learning; Chapter 24. CO₂ Storage and Sink Enhancements: Developing Comparable Economics

Sommario/riassunto

Climate change is an issue that is highly debated around the globe. This book brings together the papers that were presented at a conference dedicated to this issue, held in Kyoto in October 2002. Covering a broad range of areas, the topics presented will benefit both those working in the field of carbon dioxide recovery and sequestration, and those looking at the effects of non carbon dioxide greenhouse gases. An overview of the Research and Design technologies which aid in mitigating climate change is included, which will be invaluable to those researching new opportunities for dealing
