



Greenhouse Gas - Bury It Into Oblivion

By Reinhard Grunwald

Books On Demand. Paperback. Condition: New. 134 pages. Dimensions: 8.3in. x 5.8in. x 0.3in. Approximately one third of the global CO₂ emissions is caused by fossil fuel-fired power plants. Recently, the option of capturing the generated carbon dioxide and of storing it underground is the subject of controversial debates. Appropriate procedures could reach maturity for large-scale technical deployment in about 15 to 20 years. However, there still are considerable gaps of knowledge to be filled before it will be possible to answer the question whether the capture and storage of carbon dioxide could really be a sustainable option for climate protection. What are the technologically most efficient procedures? What are the potential savings regarding CO₂? What are the safety risks and environmental impacts arising from the CO₂ storage sites? What are the costs of these technologies? Overall, it has to be questioned whether the concept of CO₂ capture and storage can be integrated into the structure of the energy system and whether it can be competitive compared to other options to mitigate CO₂ (energy efficiency, renewable energy sources). This book compiles the current state of knowledge and state of discussion and develops options for a social debate (keyword: acceptance) as well...



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