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Nota di contenuto	1. Carbon Capture, Use and Storage (CCUS) as Enhanced Oil Recovery (EOR): Llanos Orientales Basin (Colombia) 2. Carbon Sequestration by Eucalypts in Florida, USA: Management Options Including Biochar and Associated Economics 3. Regenerating Soil Microbiome: Balancing Microbial CO ₂ Sequestration and Emission 4. Soil Solution Chemistry in Different Land-Use Systems in the Northeast Brazilian Amazon 5. CO ₂ Injectivity in Deep Saline Formations: The Impact of Salt Precipitation and Fines Mobilization 6. Geomechanics of Geological Carbon Sequestration.
Sommario/riassunto	Global climate change is intensifying and is increasingly recognized as a major challenge that requires an urgent response from scientists and other communities. Reducing the emission of greenhouse gases, especially carbon dioxide, is an essential process to mitigate climate change. This book addresses the latest carbon management approaches that will combat the increasing levels of carbon dioxide in the atmosphere. It provides a comprehensive review of the physical, chemical, and biological processes of carbon sequestration. Chapters discuss carbon capture, storage, utilization, and chemistry, as well as the geomechanical aspects of carbon sequestration.