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Quantification of CO2 Trapping and Storage Capacity in the Subsurface: Uncertainty due to Solubility ModelsQuantification of CO2 Flow and Transport in the Subsurface: Uncertainty due to Equations of State Algorithms; Section 4 Evaluation of Carbon Management Requirements; Verification and Accreditation Schemes for Climate Change Activities: A Review of Requirements forVerification of Greenhouse Gas Reductions and Accreditation of Verifiers-Implications forLong-Term Carbon Sequestration; Sociopolitical Drivers in the Development of Deliberate Carbon Storage
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Sommario/riassunto

Published by the American Geophysical Union as part of the Geophysical Monograph Series, Volume 183.For carbon sequestration the issues of monitoring, risk assessment, and verification of carbon content and storage efficacy are perhaps the most uncertain. Yet these issues are also the most critical challenges facing the broader context of carbon sequestration as a means for addressing climate change. In response to these challenges, Carbon Sequestration and Its Role in the Global Carbon Cycle presents current perspectives and research that combine five major areas:Th