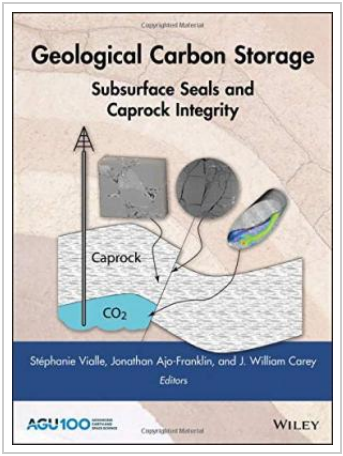

Geological Carbon Storage: Subsurface Seals and Caprock Integrity (Hardback)

By -

John Wiley & Sons Inc, United States, 2019. Hardback. Condition: New. Language: English. Brand new Book. Geological Carbon Storage Subsurface Seals and Caprock Integrity Seals and caprocks are an essential component of subsurface hydrogeological systems, guiding the movement and entrapment of hydrocarbon and other fluids. Geological Carbon Storage: Subsurface Seals and Caprock Integrity offers a survey of the wealth of recent scientific work on caprock integrity with a focus on the geological controls of permanent and safe carbon dioxide storage, and the commercial deployment of geological carbon storage. Volume highlights include: Low-permeability rock characterization from the pore scale to the core scaleFlow and transport properties of low-permeability rocksFundamentals of fracture generation, self-healing, and permeabilityCoupled geochemical, transport and geomechanical processes in caprockAnalysis of caprock behavior from natural analoguesGeochemical and geophysical monitoring techniques of caprock failure and integrityPotential environmental impacts of carbon dioxide migration on groundwater resourcesCarbon dioxide leakage mitigation and remediation techniques Geological Carbon Storage: Subsurface Seals and Caprock Integrity is an invaluable resource for geoscientists from academic and research institutions with interests in energy and environment-related problems, as well as professionals in the field.

Reviews

Very helpful to all type of individuals. It really is rally interesting throgh looking at time. Its been designed in an extremely basic way which is just soon after i finished reading this pdf through which basically modified me, change the way i believe.

-- ***Tyshawn Brekke***

The publication is easy in read through preferable to fully grasp. It is writter in simple phrases instead of hard to understand. You will not sense monotony at at any moment of your respective time (that's what catalogs are for concerning if you request me).

-- ***Kevin Bergstrom Sr.***