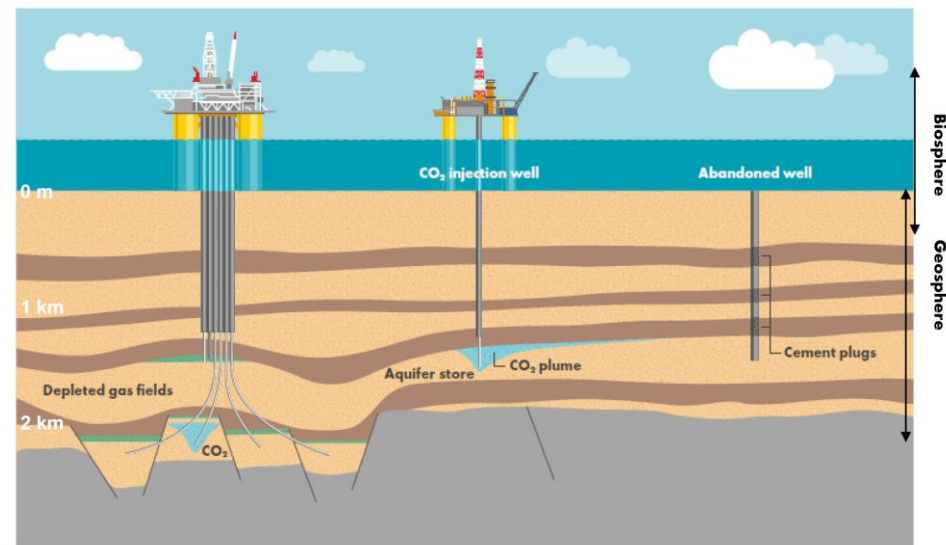


The Geological Society

3rd Energy Group CCS Symposium: Characterization and Monitoring of Containment

11-13th September 2024

The Geological Society, Burlington House, Piccadilly, London



As CCS is scaled up to mitigate global warming, in line with recommendations by the IPCC, the onus is on operators and regulators to demonstrate safety and efficacy before and during operation, and to provide a robust case that carbon dioxide will be safely sequestered for centuries once operations cease. Building on the previous successful CCS conferences in 2022 (CCS workflows) and 2023 (CCS storage efficiency), this 3rd Energy Group CCS symposium will focus on the characterization and monitoring of containment to optimize CCS field development and to demonstrate safety of CO₂ storage.

This conference received contributions from industry and academia in two major categories:

1. Understanding the storage complex prior to project commencement/design phase, including: Geological seals around wellbores, Unconventional seals, Role of faults and geomechanics on containment, Geological and risk characterization of sealing sequences, Basin to pore-scale geology and characterization of seals and potential leakage features, Quantification of containment risk.
2. Monitoring during operational phase through to long term stewardship, including: Baseline, Seabed monitoring, Low-cost geophysical monitoring, Non-geophysical monitoring technologies, Remote sensing, Monitoring tools on depleted fields, Monitoring case histories and strategies.

The 3-day programme is now finalized: <https://www.geolsoc.org.uk/09-EG-CCS-Symposium>

It is packed with 39 talks and 14 poster presentations by operators, regulators, service companies and academics, a central workshop on bowtie analysis and time for networking and socializing built in.

For further information: energygroup@geolsoc.org.uk

Registration open: <https://www.geolsoc.org.uk/09-EG-CCS-Symposium>

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