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CO ₂ Capture Project

Integrity

Natural & Engineered Analogs

- CO₂ Reservoirs (ARI)
- Leaky Systems (Utah State)
- Natural Gas Storage Experience (GTI)
- North Sea Oil field (NGCAS)

Reservoir & CapRock Competence

- CO₂ / Rock Changes at Reservoir P&T (GFZ-Potsdam)
- Reactive Transport Modeling (LLNL)

Well Materials

NETL

 Cement / Steel Corrosion / Erosion (SINTEF)

Monitoring

Geophysical

- Seismic Resolution & Modeling (TNO)
- Seismic Resolution & Costs (LBNL)
- Novel Non-Seismic (LBNL)

Geochemical

• Noble Gas Tracers & Costs (LLNL)

Satellite & Aerial

- InSAR Resolution (Stanford)
- Hyperspectral Geobotanical (LLNL)

Near Surface, Surface & Atmosphere

State-of-the-Art & Strategies (Caltech)

6 Eni

• Eddy Covariance (Penn State)













