

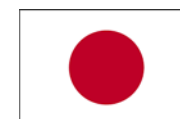


US-Norway bilateral meeting
29-30 June 2022, Bergen



Assuring integrity of CO₂ storage sites through ground surface monitoring (SENSE)

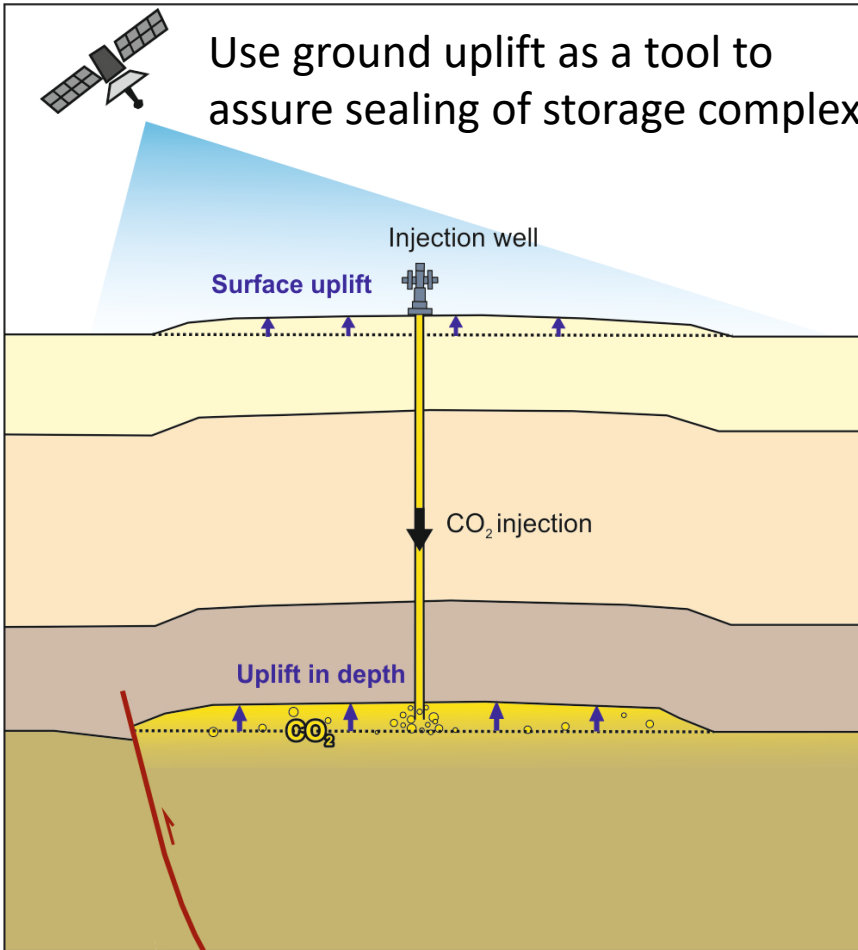
Bahman Bohlooli, Norwegian Geotechnical Institute (NGI-Coordinator)



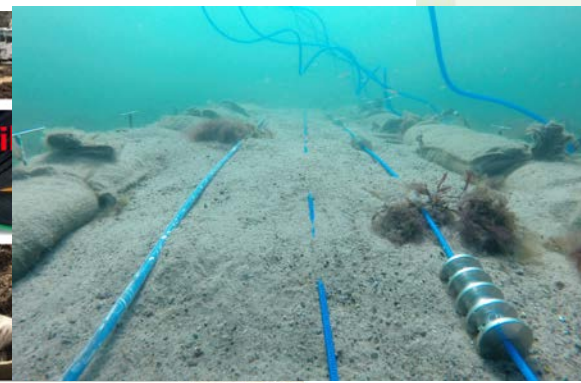
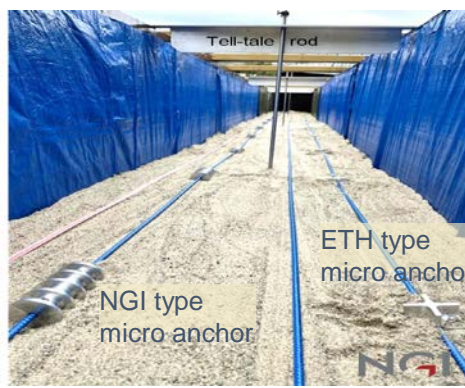
SENSE project narrative



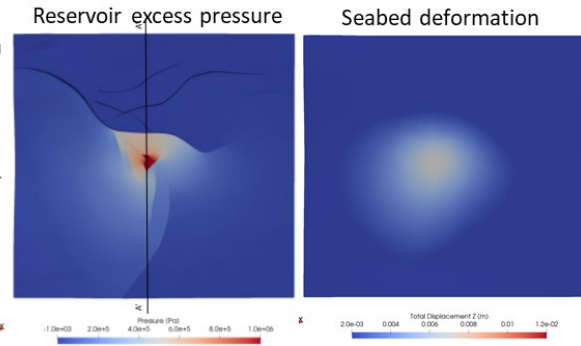
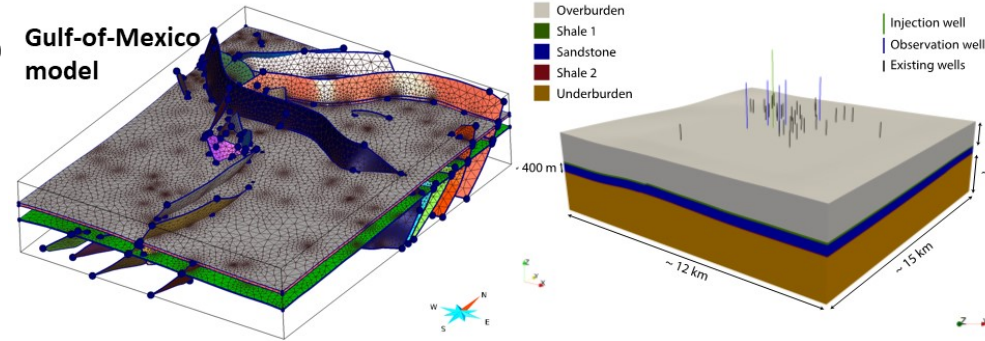
Use ground uplift as a tool to assure sealing of storage complex



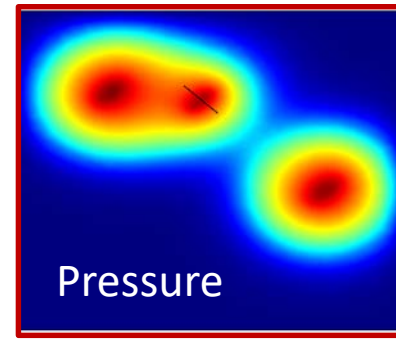
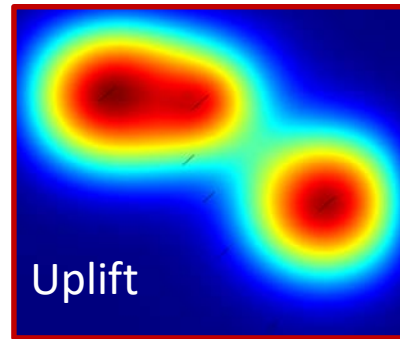
Testing



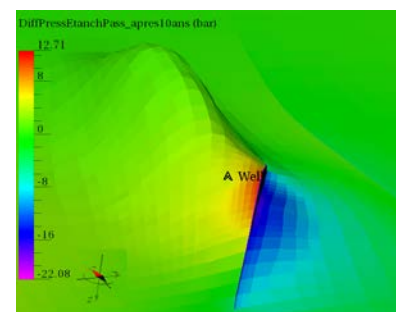
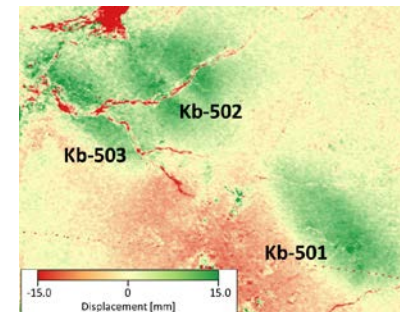
Modeling



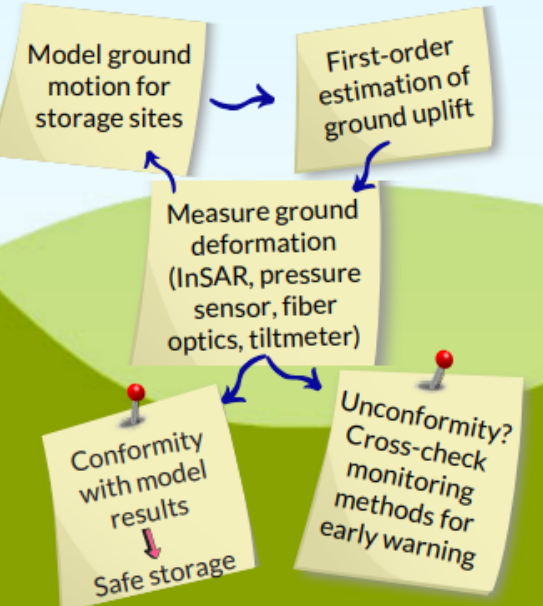
Machine L.



Verification



Monitoring Workflow



- Develop. & testing fiber optics & p. sensors
- Modelling uplift with/without faults
- Verification against uplift/subsidence
- Monitoring workflow incl. ground uplift



Acknowledgement



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