Study of Geological CO₂ Sequestration in Basalt Formations of Western India

Objective

Study of Basalt Formations of Western India for environmentally safe and irreversible long time storage of $\rm CO_2.$

CO₂ Storage in Basalt Formations



Mineralization reactions in basalt formations



Area of Study



Schematic of CO₂ injection



Significance

This study, first of its kind in India will help to evaluate the basalt formations as a potential medium for longterm, irreversible CO₂ storage The multiinstitutional, multi-national approach will improve up our understanding and expertise on CO₂ storage in basalt formation.

Project Partners





New Delhi,India





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