

## Experimental study of CO<sub>2</sub>-rock interaction for CO<sub>2</sub> sequestration: Anorthite and Granodiorite at 150 degrees

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For CO<sub>2</sub> sequestration, to consider the carbonate mineralization speed on CO<sub>2</sub>-rock interaction is important. The purpose of this study is to search best conditions for CO<sub>2</sub> fixation. I executed indoor experiment using Anorthite and Granodiorite which are Ca abundant or not. Putting crushed rock and water samples to teflon reaction container, enclosing CO<sub>2</sub>, this interaction was under 150 degrees and the pressure of CO<sub>2</sub> gas was at 10MPa.