

# Analog Field Site Suggests Smaller Dissolution Rates than Expected

## Scientific Achievement

First estimates of volume of dissolved CO<sub>2</sub> and CO<sub>2</sub> dissolution rates based on a field analog site – The Bravo Dome field in northeaster New Mexico.

## Significance and Impact

The average rate of CO<sub>2</sub> dissolution at Bravo Dome is significantly slower than expected. The amount of storage capacity providing safe, long-term CO<sub>2</sub> storage through rapid solubility trapping may, therefore, be much smaller than currently assumed.

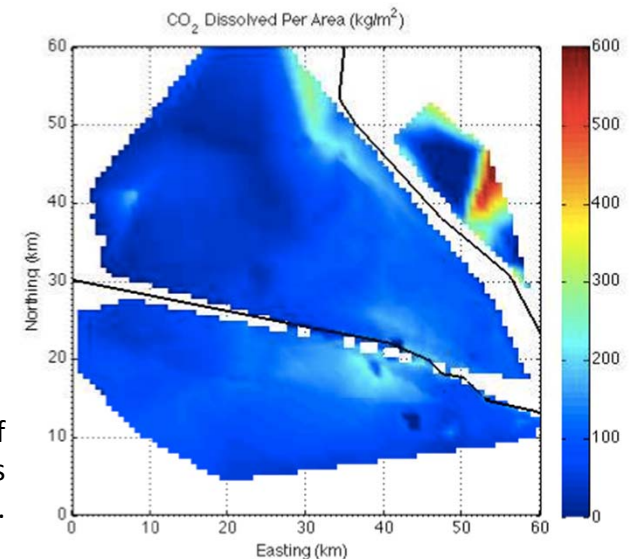
## Publications

None

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Estimated dissolved CO<sub>2</sub> per unit area (kg/m<sup>2</sup>) of the Bravo Dome field. Present day mass of CO<sub>2</sub> is estimated to be roughly 83% of the original total.



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