

Utilization of Carbon and other Energy Gases - Data Downloads

This is a list of all published data available from the Utilization of Carbon and other Energy Gases - Geologic Research and Assessments Project from 2012 through 2019. This list will be updated as new data sets are published.

Utilization of Carbon and other Energy Gases – Interactive maps

[CO2Viewer](#) – A search interface for carbon dioxide storage basins. Individual basin shapefiles available for download are listed below under “Geologic Framework for the National Assessment of Carbon Dioxide Storage Resources – Shapefiles”. The downloaded zipped shapefiles include metadata. Study areas on the CO2Viewer are not available for download.

[National Helium Database Web Map](#) - A search interface for helium concentrations in U.S. wells. The complete helium dataset is available for download below under “Helium concentrations in United States wells” [Report](#).

[Federal Lands Interactive Map](#) - A search interface for “Federal Lands Greenhouse Gas Emissions and Sequestration in the United States: Estimates for 2005–14” [Report](#) and [Data Release](#).

[Decatur Microseismicity Map](#) - A search interface map of microseismicity associated with deep-well injection of carbon dioxide at Decatur, Illinois.

Utilization of Carbon and other Energy Gases – ScienceBase Data Releases

[Federal Lands Greenhouse Gas Emissions and Sequestration in the United States: Estimates 2005-14 - Data Release](#) (2018)

[Mercury injection capillary pressure data in the U.S. Gulf Coast Tuscaloosa Group in Mississippi and Louisiana collected 2015 to 2017](#) (2018)

[Microbiology of the greater Bravo Dome region](#) (2018)

Helium concentrations in United States wells (2016)

[XML Metadata](#) - Extensible Markup Language [.xml] (20.2 KB)

[TXT Metadata](#) - Text Only (25.3 KB)

[DOCX Metadata](#) - Microsoft Word (102 KB)

[XLSX Data](#) - Excel (1.12 MB)

[CSV Data](#) - Comma Separated Values (1.01 MB)

National Assessment of Geologic Carbon Dioxide Storage Resources – Data (2013)

[PDF](#) Appendix 1 Input data forms PDF (1.83 MB)

[PDF](#) Appendix 2 Cumulative distribution function plots PDF (104 MB)

[XLSX](#) Table 1 Comprehensive data table - Excel (204 KB)

[XLSX](#) Table 2 Correlation matrix - Excel (138 KB)

Geologic Framework for the National Assessment of Carbon Dioxide Storage Resources – Shapefiles

Alaska North Slope and Kandik Basin, Alaska (2014)

[Shapefile](#) Storage Assessment Unit Boundaries (263 KB)

[Shapefile](#) Well Density Cells (208 KB)

Arkoma Basin, Kansas Basins, and Midcontinent Rift Basin study areas (2013)

[Shapefile](#) Storage Assessment Unit Boundaries (325 KB)

[Shapefile](#) Well Density Cells (317 KB)

Atlantic Coastal Plain and Eastern Mesozoic Rift Basins (2018)

[Shapefile](#) Atlantic Coastal Plain Storage Assessment Unit Boundaries (59 KB)

[Shapefile](#) Atlantic Coastal Plain Well Density Cells (33 KB)

[Shapefile](#) Eastern Mesozoic Rift Basins Storage Assessment Unit Boundaries (40 KB)

[Shapefile](#) Eastern Mesozoic Rift Basins Well Density Cells (26 KB)

Bighorn Basin, Wyoming and Montana (2012)

[Shapefile](#) Storage Assessment Unit Boundaries (200 KB)

[Shapefile](#) Well Density Cells (328 KB)

Columbia Basin of Oregon, Washington, and Idaho, and the Western Oregon-Washington Basins (2013)

[Shapefile](#) Storage Assessment Unit Boundaries (91 KB)

[Shapefile](#) Well Density Cells (51 KB)

Denver Basin, Colorado, Wyoming, and Nebraska (2014)

[Shapefile](#) Storage Assessment Unit Boundaries (71 KB)

[Shapefile](#) Well Density Cells (2.05 MB)

Greater Green River Basin, Wyoming, Colorado, and Utah, and Wyoming-Idaho-Utah Thrust Belt (2014)

[Shapefile](#) Storage Assessment Unit Boundaries (806 KB)

[Shapefile](#) Well Density Cells (682 KB)

Hanna, Laramie, and Shirley Basins, Wyoming (2012)

[Shapefile](#) Storage Assessment Unit Boundaries (71 KB)

[Shapefile](#) Well Density Cells (82 KB)

Permian and Palo Duro Basins and Bend Arch-Fort Worth Basin (2015)

[Shapefile](#) Storage Assessment Unit Boundaries (124 KB)

[Shapefile](#) Well Density Cells (1.48 MB)

Powder River Basin, Wyoming, Montana, South Dakota, and Nebraska (2012)

[Shapefile](#) Storage Assessment Unit Boundaries (112 KB)

[Shapefile](#) Well Density Cells (1.90 MB)

South Florida Basin (2015)

[Shapefile](#) Storage Assessment Unit Boundaries (1.37 MB)

[Shapefile](#) Well Density Cells (121 KB)

Southern Rocky Mountain Basins (2016)

[Shapefile](#) Storage Assessment Unit Boundaries (479 KB)

[Shapefile](#) Well Density Cells (754 KB)

U.S. Gulf Coast (2014)

[Shapefile](#) Storage Assessment Unit Boundaries (1.40 MB)

[Shapefile](#) Well Density Cells (7.90 MB)

Williston Basin, Central Montana Basins, and Montana Thrust Belt study areas (2014)

[Shapefile](#) Storage Assessment Unit Boundaries (305 KB)

[Shapefile](#) Well Density Cells (2.37 MB)