

Short Title:

CCUS (Carbon Capture, Utilization, and Storage) Dashboard

Project lead and contact details:

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Suggested team size: 3

Logistics:

Can work from anywhere, but an office on Mines campus will be available for use. Hourly pay post-field-session possible to continue the project.

Project description:

Global energy needs (and associated carbon emissions) will only increase with increasing population, and creative solutions are needed to fight rising CO₂ levels that are already affecting global climate and coastal populations. The goal of this project is to advance the CCUS dashboard created during the Summer 2021 Field session. It is visible now from on-campus locations at <http://ccus.mines.edu:443/>. Tasks will include further buildout of the analytics suite, specifically focusing on the Permian Basin in Texas as well as the Gulf of Mexico.