

Community Exposure to Emissions and Noise Near Unconventional Oil and Gas Development: Permian Basin, Texas, and North Front Range, Colorado

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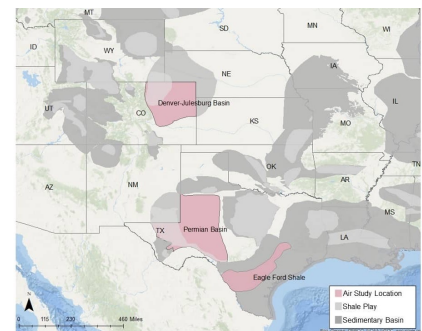


Study Description

ABOUT Fact sheet in [English](#) and [Spanish](#)

GOAL Assess how people in the Permian Basin and Eagle Ford Shale, Texas and Denver-Julesburg region, Colorado might be exposed to air emissions and noise from unconventional oil and gas development (UOGD).

- This study is part of the Tracking Community Exposures and Releases (TRACER) Collaboration, a three-team research collaboration funded by HEI Energy.



General study locations

What's happened?

- Engaged with the community and local stakeholders in the Permian Basin to bring awareness to the project through in-person meetings and a series of virtual open houses.
- Acquired trailer for air and noise monitoring in the Permian Basin.
- Collected satellite data to detect flares and air quality data from the Texas Commission on Environmental Quality.

What's new?

- Outfitting trailer with air, noise, and radiation monitoring equipment.
- Engaging with community members in the Permian Basin to establish a location for the air, noise, and radiation monitoring trailer.



Trailer that is being outfitted with air, radiation, and noise sampling equipment for placement in the Permian Basin and Eagle Ford Shale, Texas.

What's next?

- Acquire passive sampling equipment that measures UOGD-related chemicals in air.
- Hold a community meeting to recruit volunteers to place passive sampling equipment on their properties.
- Begin collecting and analyzing data from the monitoring trailer.

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Study page on [HEI Energy website](#)