

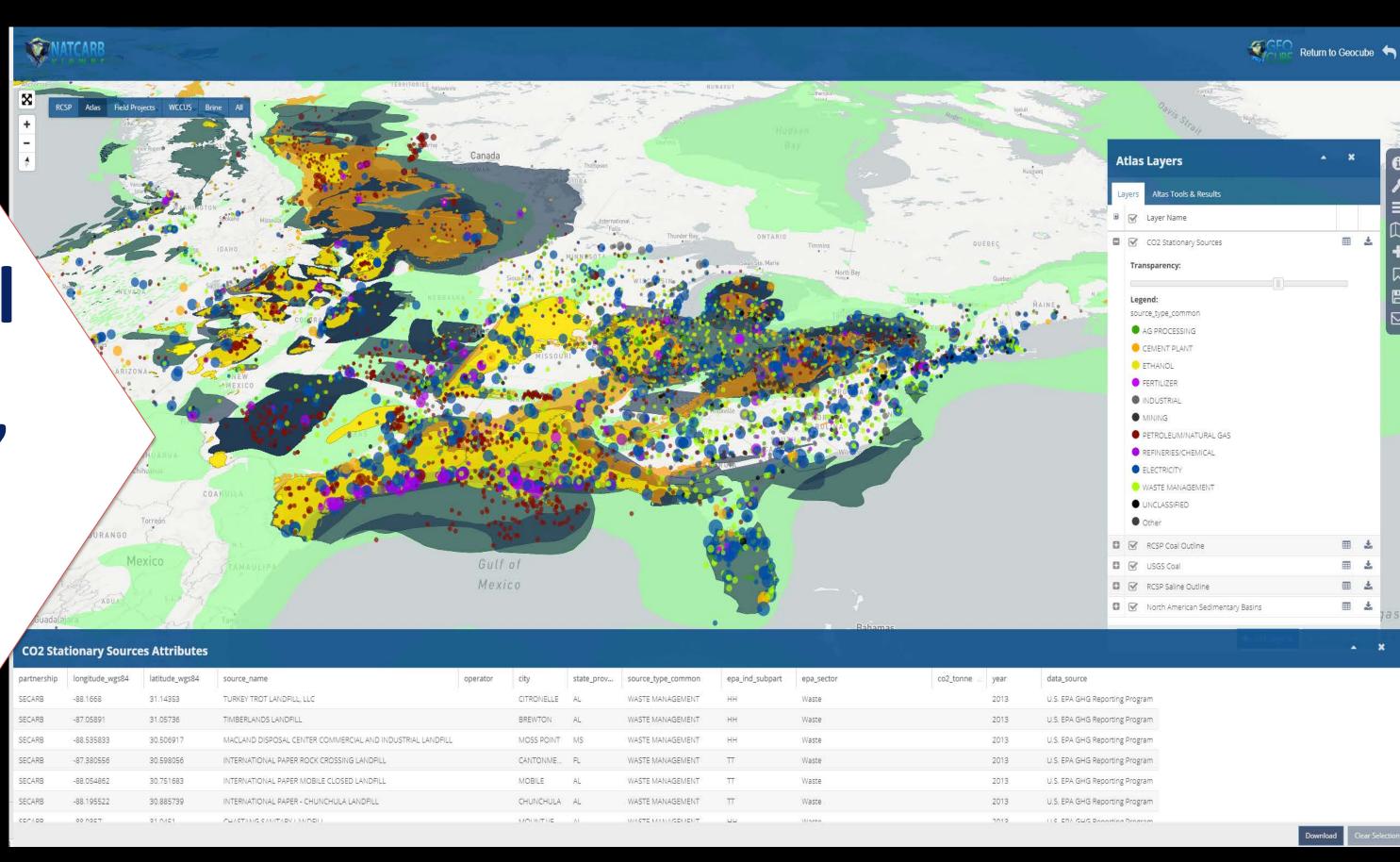
Building towards a Virtual Subsurface to improve data access, discoverability, and analytics for the CS community



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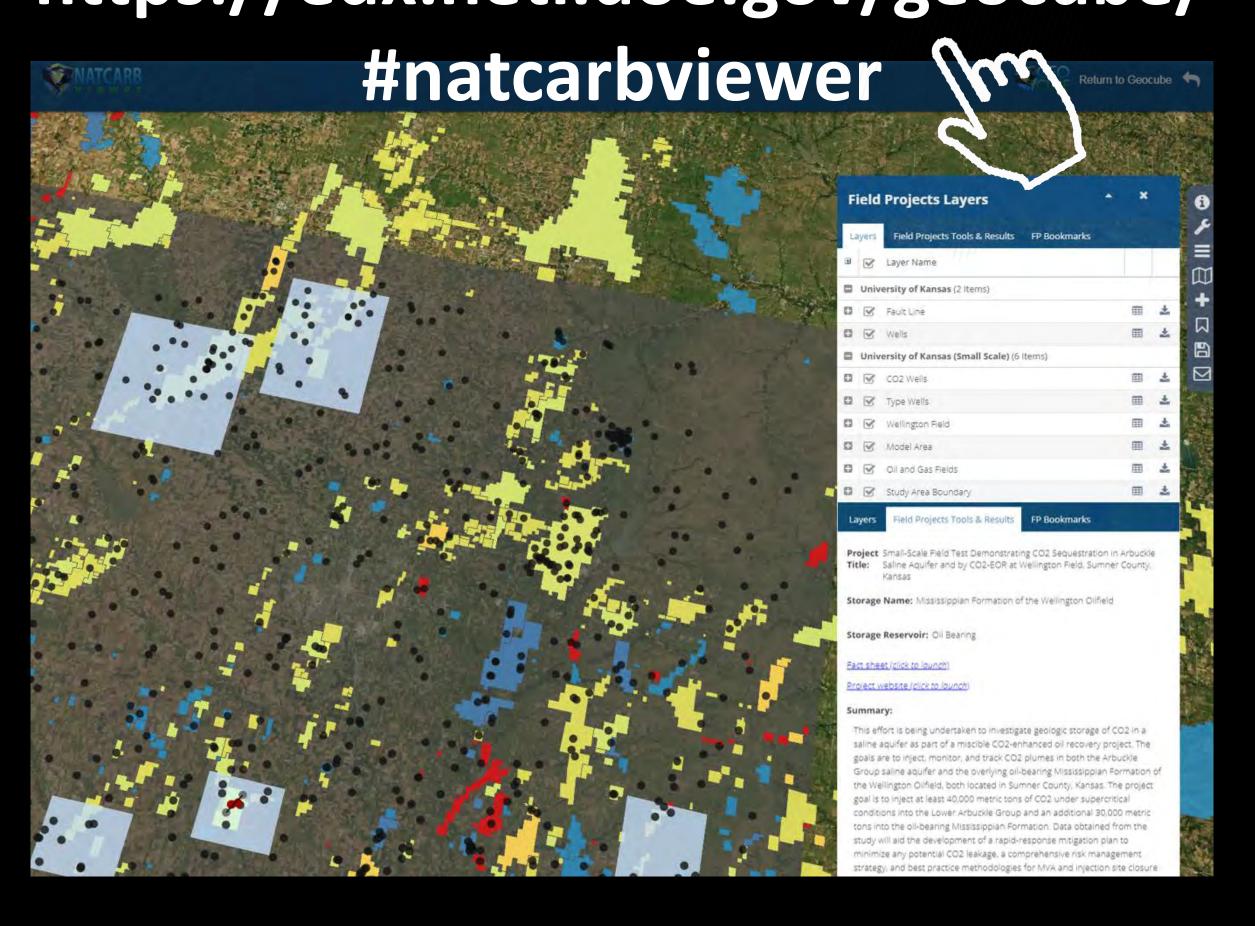
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The updated Natcarb Viewer is an interactive, online collection of spatial data layers describing carbon capture, use, and storage (CCUS) across the U.S. integrated within EDX's GeoCube



Explore the new Natcarb Viewer at:





BENEFITS

- Access additional CCUS data, for sources including:
 - Energy Data Exchange (EDX)
 - U.S. DOE Carbon Storage Atlas
 - Regional Carbon Storage Partners
- Easily discover new data
- Coordinate & collaborate with colleagues online
- Download data layers for local use
- Upload spatial & tabular data
- Export maps for communication

ENHANCED FUNCTIONALITY

- Responsive Interface
 - Rapidly view & interact with hundreds of data layers
 - Quickly query 1000's of features
- Improved Data Visualization
 - Interactive symbology
 - Cached data layers
 - 2D & 3D viewer

Facility CO2 Production/Year Compared To Facility Type Summary Production Data 2000000 4000000

FUTURE ENHANCEMENTS

Additional data & resources from RCSPs and project-specific CCUS sites (e.g., Kimberlina, FutureGen, etc.)

- 3D & 4D visualization & analytics
- Spatial and Statistical Insights & dashboards
- Plug and Play Tools & Models (like VGM and STA)
- Integration with NETL's big data cluster for rapid analytics

