



Exploring data, sharing perspectives, and  
mapping impacts of the oil and gas industry

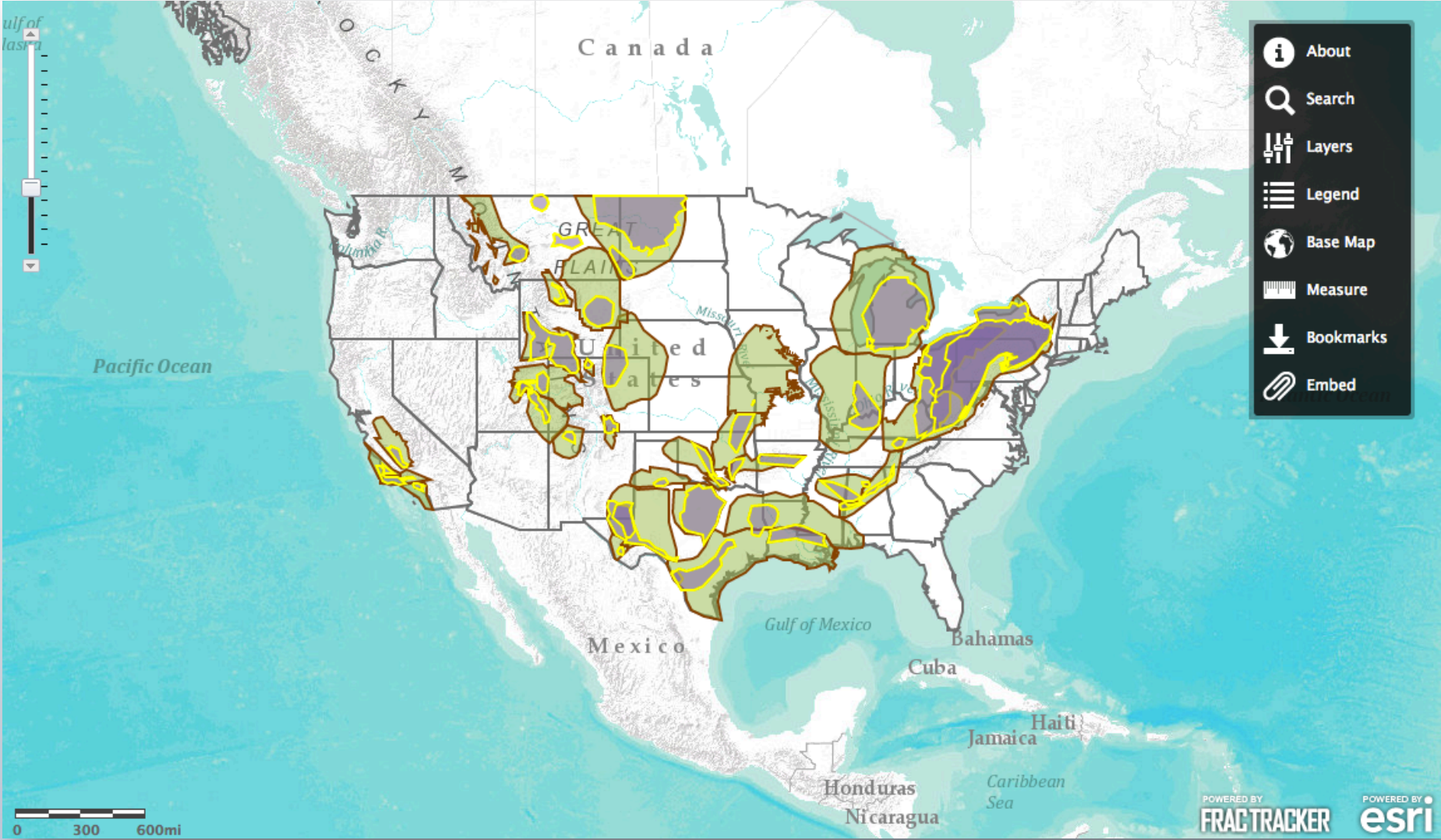
# Getting the Most Out of FracTracker.org

## A Focus on Using FracMapper

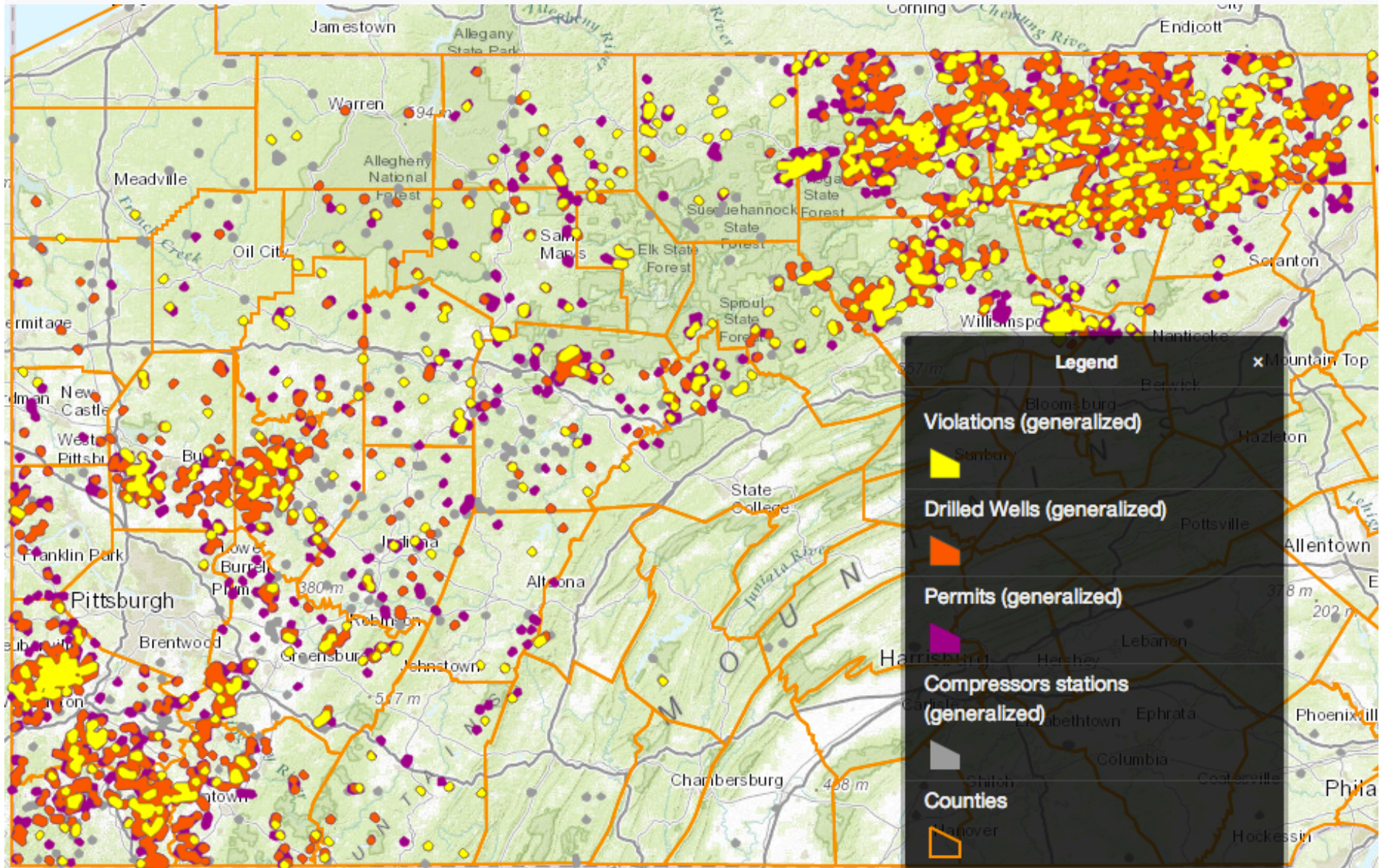
# FracTracker Alliance

- [FracTracker.org](http://FracTracker.org) launched in 2010 as a CHEC project at the University of Pittsburgh
- Became independent non-profit organization, "The FracTracker Alliance," in 2012
- Featuring new data mapping tool: FracMapper
- FracMapper can be used to pinpoint and assess gas and oil activities. Free. Registration not required
- Currently have maps for 15 states and counting

# FracMapper: New FracTracker Mapping Platform



# For Example: PA Permits, Wells, Violations, & Compressor Stations



# What can you do with FracMapper?

- Find a well or permit near your home or place of interest
- Learn more about the nature of a violation issued (depending on the data's availability)
- Measure how close a well is to a waterway, road, or residence
- Share your geo-located data with the world on a FracTracker map
- Volunteer water monitors with the Mountain Watershed Association have been using FracMapper to decide when and where to conduct water monitoring
- Export a map to take to your next municipality's or organization's meeting
- And more!

# Working w/FracMapper

- Navigate to [fractracker.org/maps](http://fractracker.org/maps). Select state.
- Manipulating the Map:
  - **Zoom:**
    - Using the scale bar in the upper left corner of screen
    - Or by double-clicking mouse or rolling mouse's scroll wheel forward (not on all mice)
    - Currently there are 2 different versions of the scale bar, depending on the state (shown right)
    - Zoom in until points appear instead of generalized area
  - **Pan:** Click and hold down your mouse to pan
  - **Click** on a point or area for more information:
    - Will show data layer details (e.g. well's API number, company, county name, watershed (HUC), and violation specs)

V<sub>1</sub>

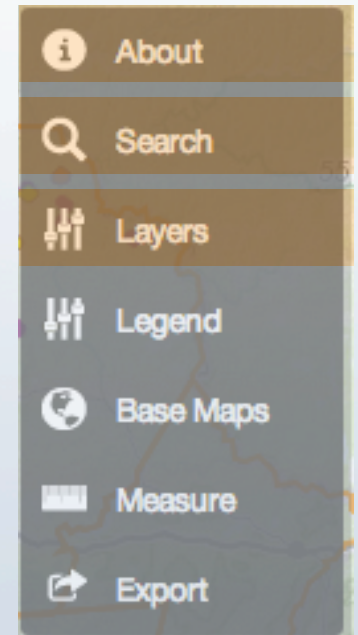


V<sub>2</sub>



# Toolbar Buttons

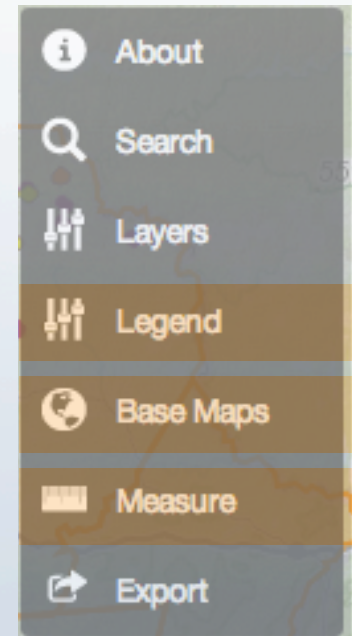
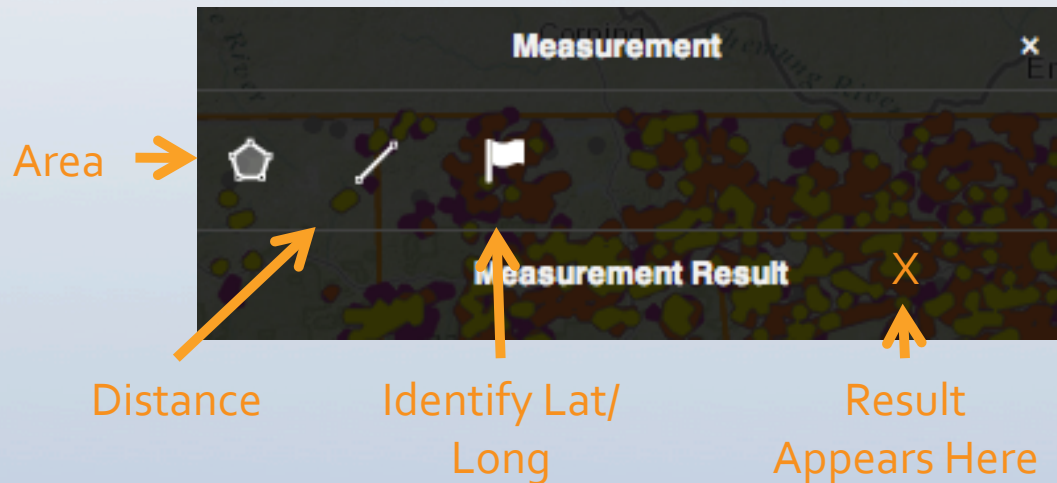
- **Toolbar Buttons:**
  - **About:** Provides metadata for the data displayed on the maps. Key for seeing data sources!
  - **Search:** Runs off of Google Maps. Can enter address, area, or landmark  
*Coming soon: Search by API number (well identification code)*
  - **Layers:**
    - Shows you which datasets are being shown on the map.
    - Can be toggled on and off.
    - Will vary by map and state.
    - When zoomed out too far, will see generalized (not point-based) well locations. This improves map's loading time.



Continued...

# Toolbar Buttons (cont.)

- **Legend:** Identifies what points/areas mean using colors and shapes
- **Base Maps:** Background of the map. Can be changed depending on viewing preference. 9 options
- **Measure:** Tool used to determine distance, area, or geo-location of features on the map. Double click to end.



Continued...



# Toolbar Buttons (cont.)

- **Export**
  - **Two options:** Export (in development) or take a screen shot. Export shown below:

### Export this map

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#### Embed this map

Embed Code `<iframe width="640" height="360" src="http://maps.fractracker.org/2.0/?" />`

Click to select the code, copy the code, & then paste.  
The code will change based your choices below.

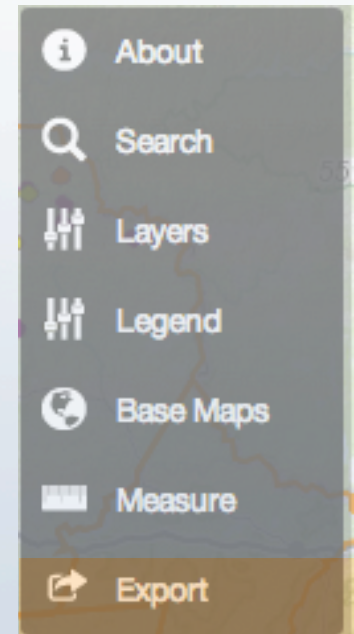
Custom size  x

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#### Save as a PDF

Create a PDF version of your map with it's attribution information, legend, scale bar, and map features.

[Create a PDF](#)



# Additions & Coming Soon

## Data Downloads:

- Now available!
- File types: Shape file (polygon/lines) and CSV (points)
- Can be found here: [www.fractracker.org/data](http://www.fractracker.org/data)
- If you have data you would like to share, just let us know.

## Coming Soon:

- Additional states and layers are continually being added.
- Request one today: [info@fractracker.org](mailto:info@fractracker.org)

## Keep Up To Date:

- Sign up for our monthly e-newsletter:  
[www.fractracker.org/resources/e-newsletters/](http://www.fractracker.org/resources/e-newsletters/)

# Final Notes

A list of upcoming in-person trainings is maintained here:

- [www.fractracker.org/2013/06/2013ftmwatraining/](http://www.fractracker.org/2013/06/2013ftmwatraining/)
- Contact us if interested in participating: [info@fractracker.org](mailto:info@fractracker.org)

## Feedback Requested:

- Please check out the website and provide us with some feedback about what you think of FracMapper:  
[www.fractracker.org/2012/09/fracmapper/](http://www.fractracker.org/2012/09/fracmapper/)

## Contact Information:

- Samantha Malone, MPH, CPH  
Manager of Science and Communications  
FracTracker Alliance  
[malone@fractracker.org](mailto:malone@fractracker.org)  
412-802-0273