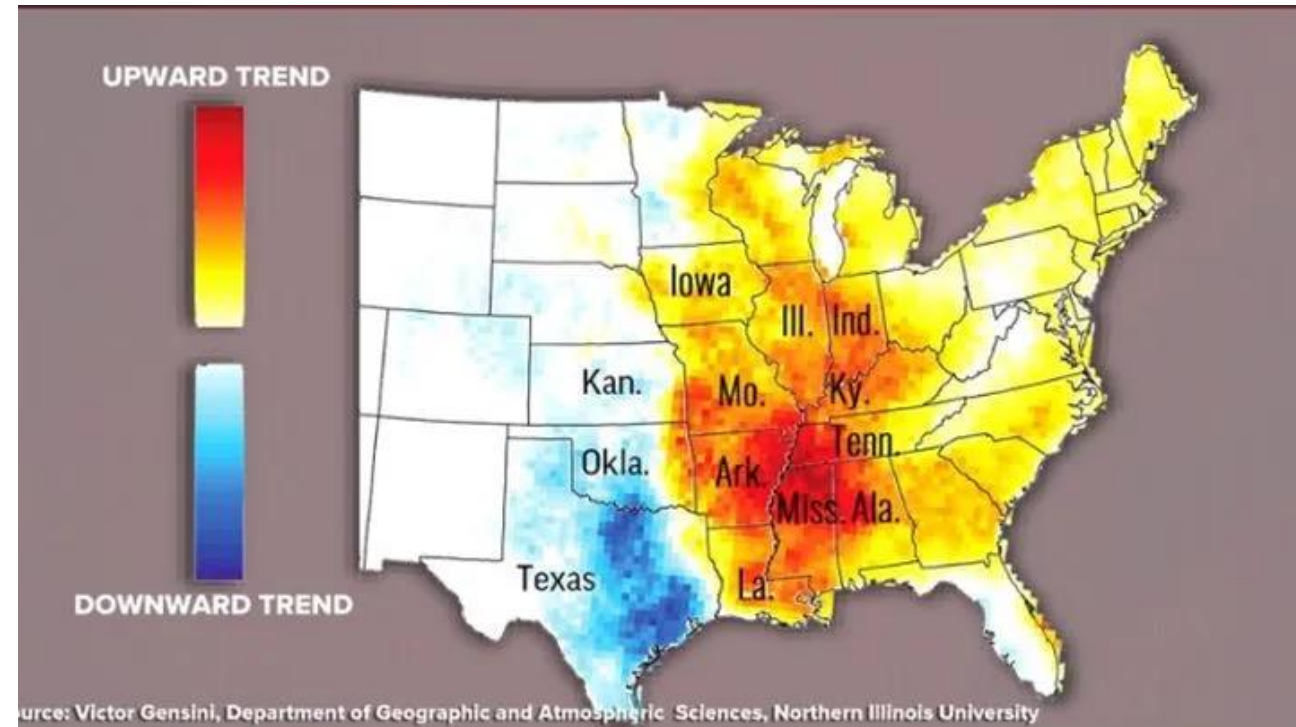
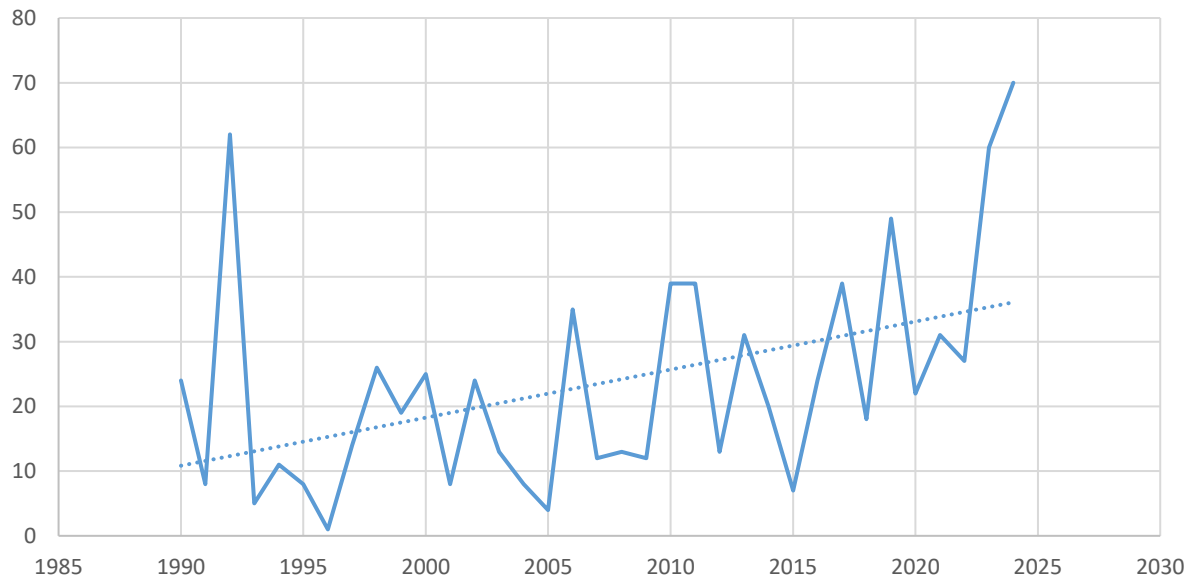


Ohio Damage Assessments

*How the 2024 tornado season caused us to
rethink how we are doing damage assessments*

Tornadoes in Ohio have been increasing

Ohio Tornadoes 1990-2024

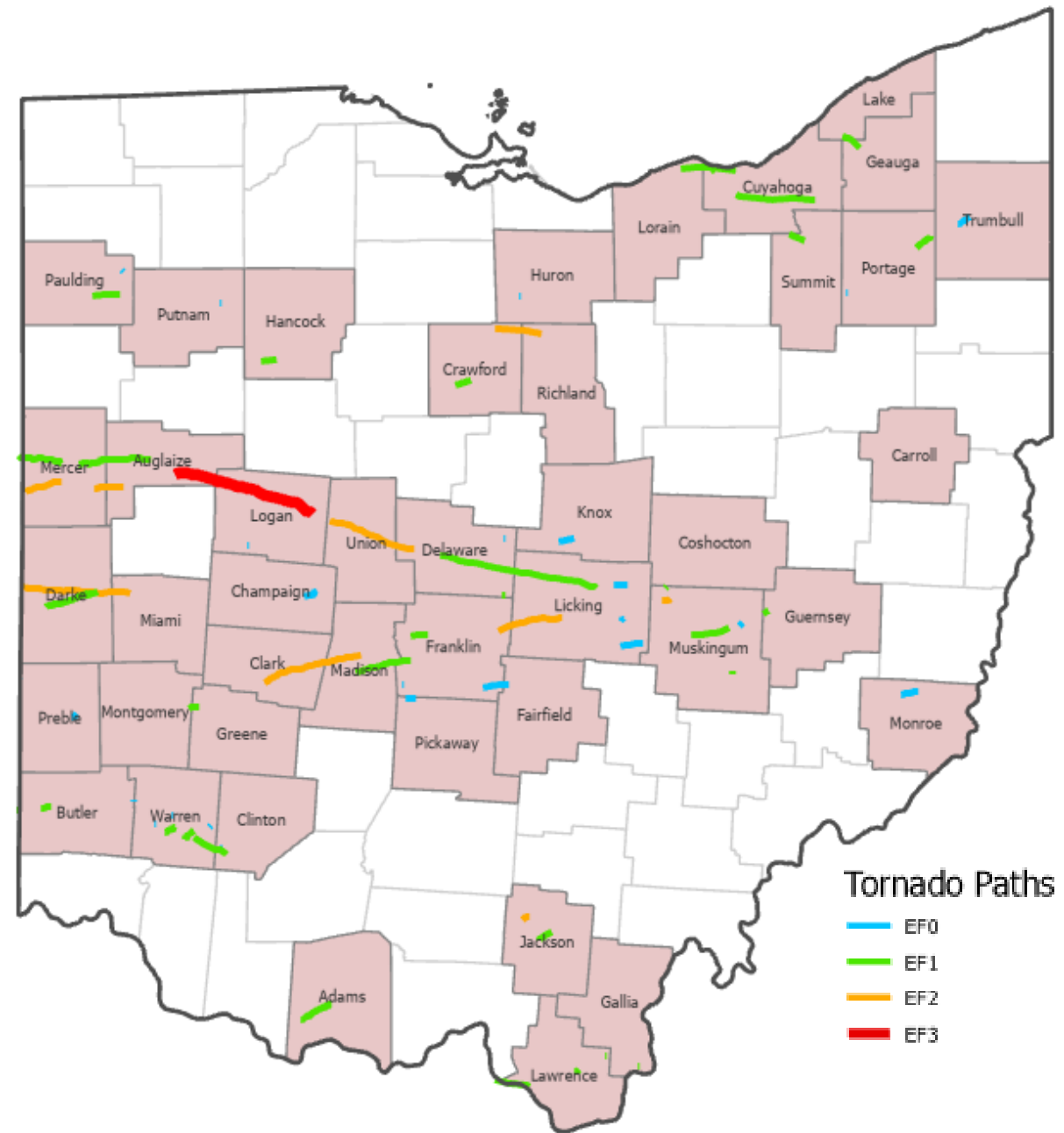
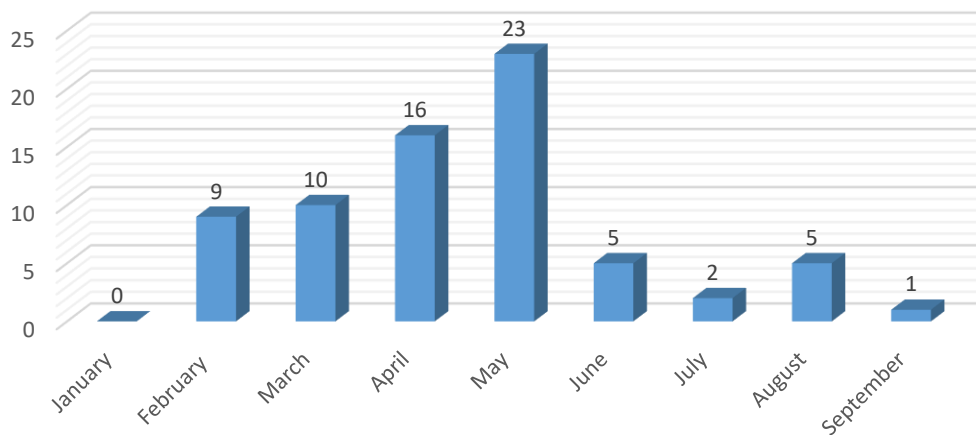


Tornado Alley shifting eastward

2024 Ohio Tornado Statistics

71 Tornadoes (NEW RECORD!)
43 Counties affected (out of 88)
12 EF2+
3 Deaths
34+ Injuries

2024 Tornadoes by Month



March 14, 2024

9 Tornadoes (1 EF3, 3 EF2, and 5 EF1)

3 deaths

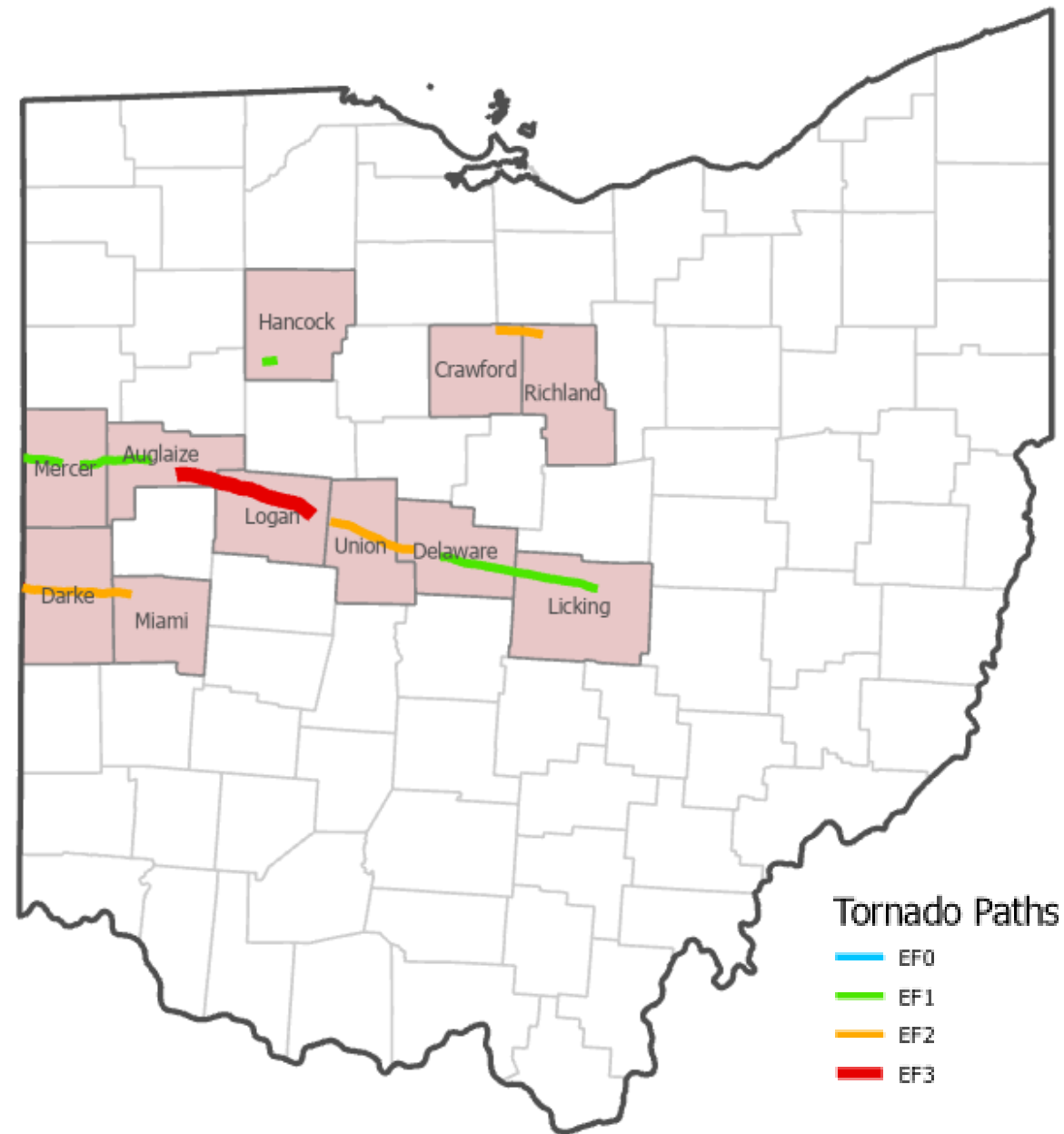
29 injuries

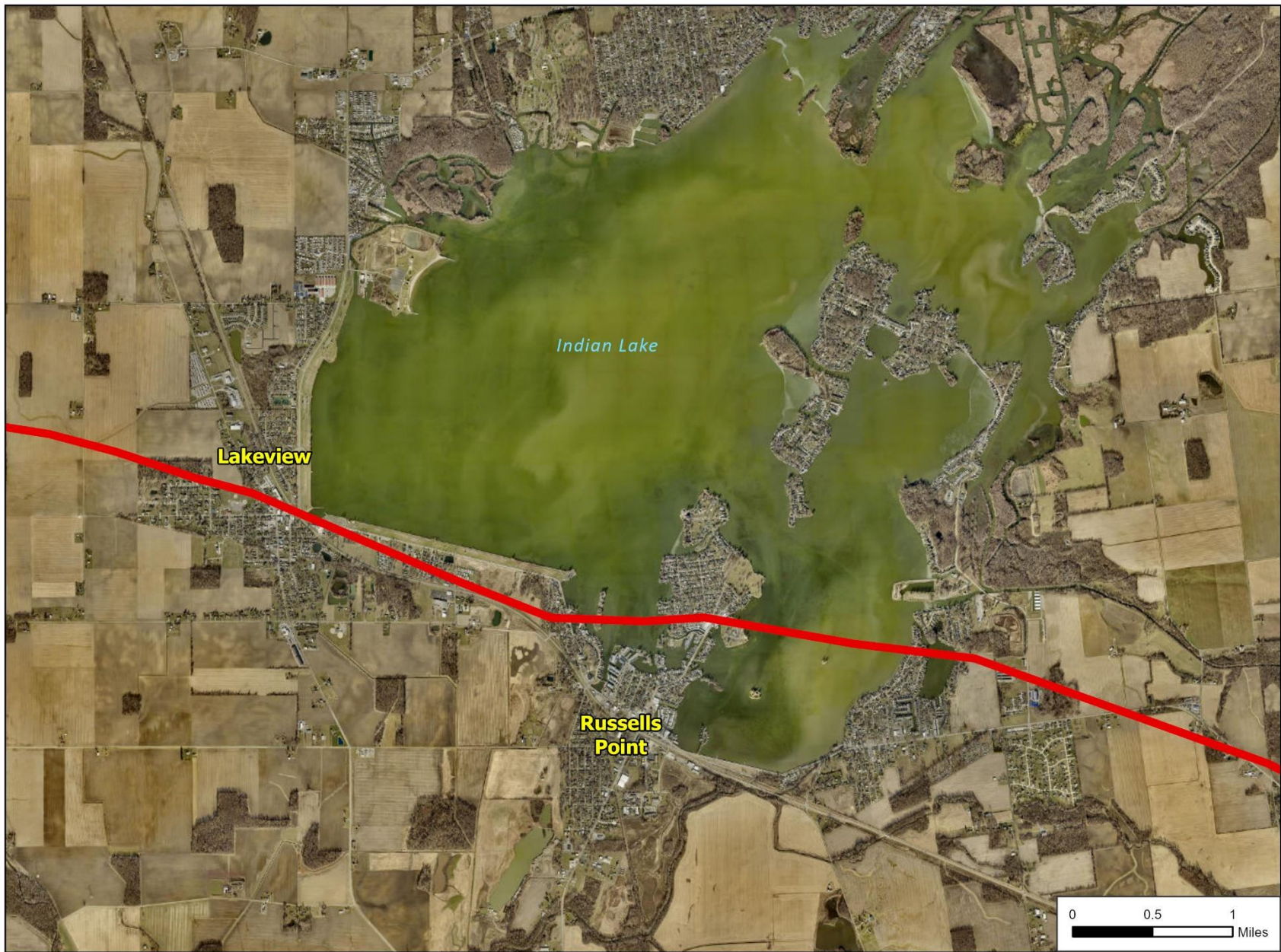
Millions in damages

- The EF-3 tornado in Logan County had winds as high as 136 mph

1,138 Properties Damaged

➤ **30% were Destroyed or had Major Damage**





















TikTok

@devinspearman47

Accessing the County Damage Assessments



Ohio Damage Assessment Solution

Ohio EMA

Survey, Maps and Dashboards developed and maintained



OGRIP (state GIS)

Partnered collaboration between Ohio EMA and OGRIP AGOL's – all apps shared to collaboration group

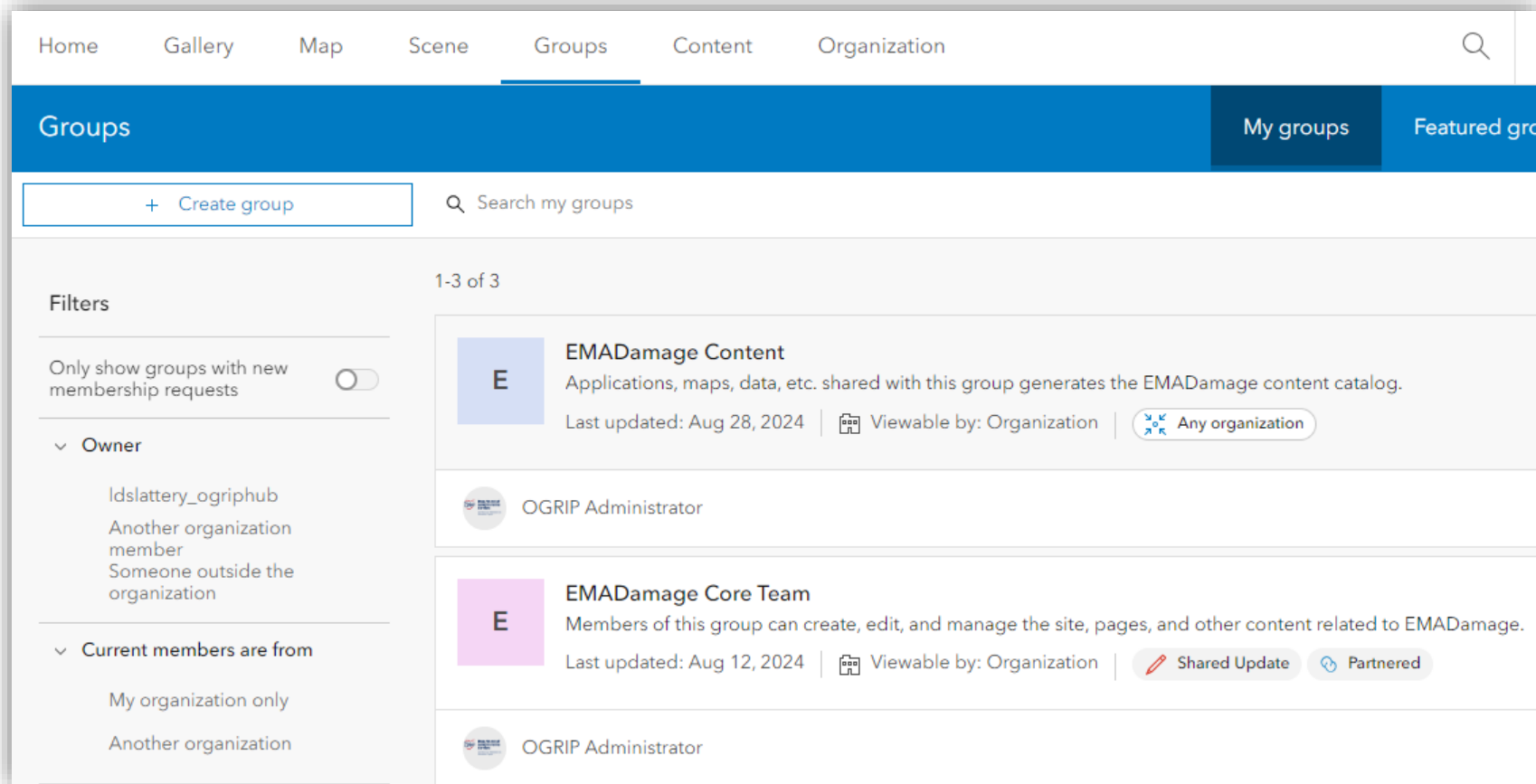


Hub Premium

OGRIP's AGOL was already partnered with Hub Premium, so it automatically connected back to Ohio EMA AGOL



Hub Premium



Creation of Hub initiative also created Content and Core Team folders

CONTENT: Contains all of the shared apps and data from Ohio EMA AGOL

CORE TEAM: Contains the Hub site



Individual Damage Assessments - Ohio

This site contains information pertaining to damage assessments in Ohio after severe weather or other catastrophic events. Below you will find a survey to enter damage assessments, along with a dashboard of the most current assessments. A future application will allow you to view and edit your counties assessments.

[Hub Site](#)



Ohio EMA Damage Assessment Tools Survey

Calling all county EMA offices! Please complete the survey to provide information for upcoming County EMA accounts in OGRIP's ArcGIS GIDE (Geographic Information Data Exchange).

Future damage assessment tools may be developed in this platform, so please provide your current methods of collecting damage assessment as examples for development.

Account Information

Organization*

County*

Point of Contact Name (First Last)*

E-mail*

For account creation. Please one per county. Use a generic e-mail that is accessible to your organization.

Phone Number*

number only, no breaks.

Are you interested in participating in a workgroup for future development of damage assessment tools?*

For input and testing of future tools like a public self-report feature.

☐

Yes

☐

No thanks

When using an Individual Assessment Damage Assessment dashboard, would you prefer to view assessments from the entire state or your county only?

☐

Statewide

☐

My county only

Current Damage Assessment Collection Process Questions

Please complete the following to describe your current damage assessment information collection process.

What process do you currently use to collect Damage Assessment information?*

☐

Ohio EMA's Street Sheet

☐

Paper Forms

☐

GIS / Mapping

☐

Other

Submit

Survey to poll county EMA's on how they are currently doing damage assessments



Why did we go this route?

- Using a single product statewide will make the process uniform, easier and faster to get the data
- Wanted to keep this customized, which is sometimes difficult with the ESRI solution.
 - Also if we did customize and ESRI updated the solution, we would lose our customization if we wanted to also update.
- Using OGRIP's Hub Premium saves the state ~\$8,000 annually with no cost to the counties
- OGRIP GIS staff are available to support (this is an issue for a one-person GIS shop)



If we build it...



Contacts

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