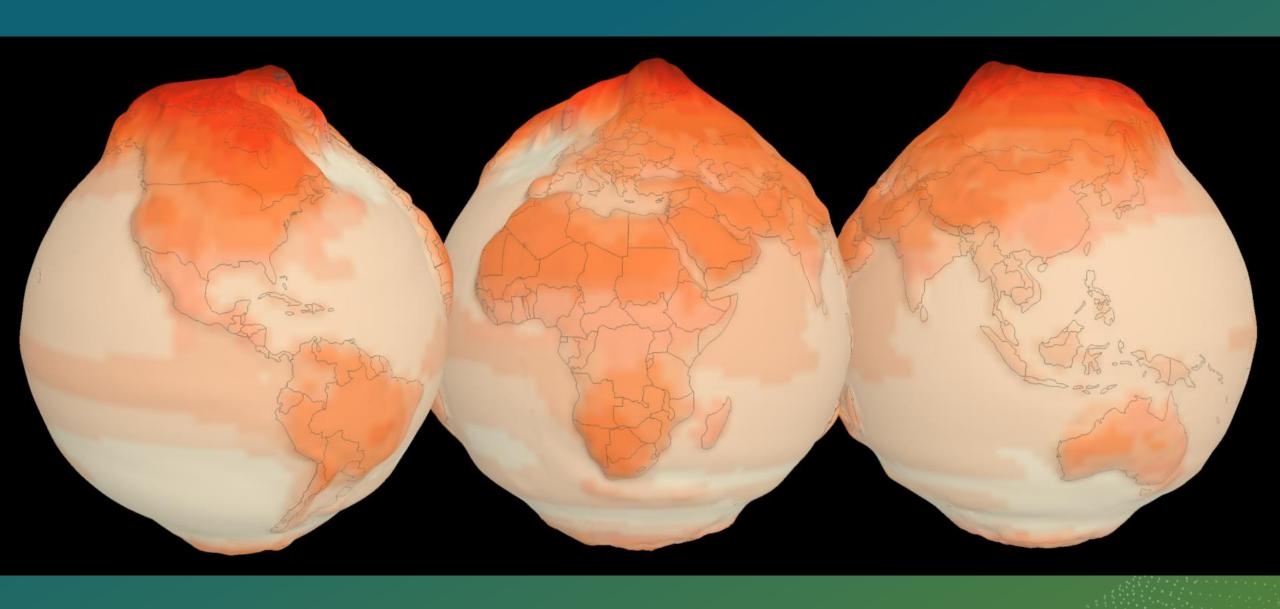
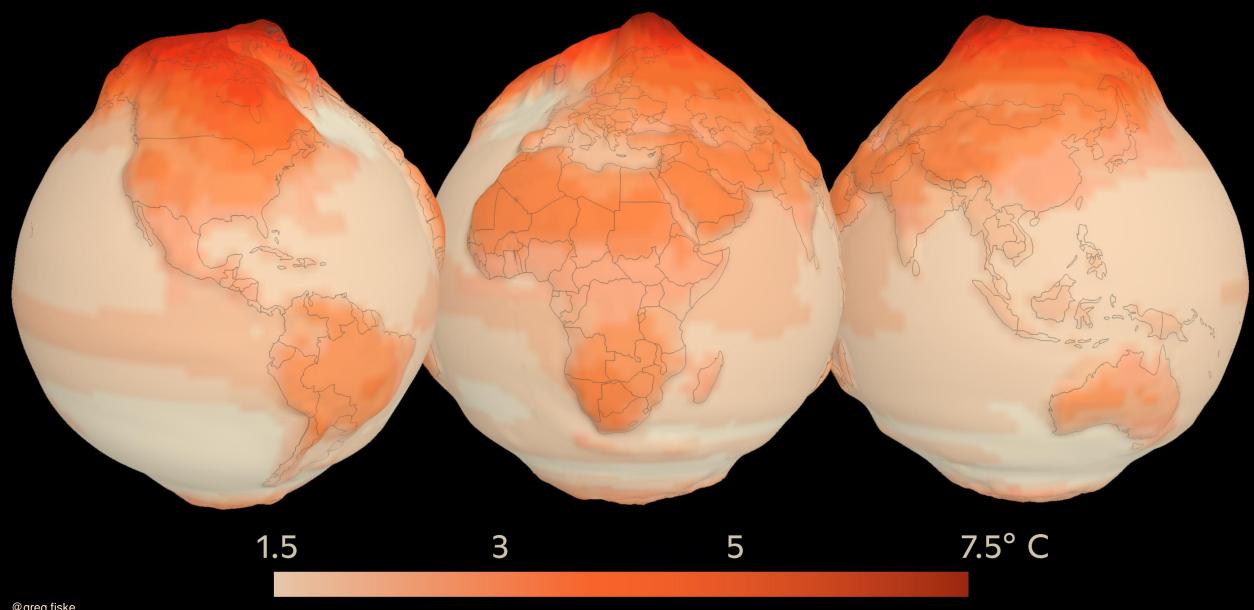


Sunny Fleming Industry Lead, Environment & Conservation



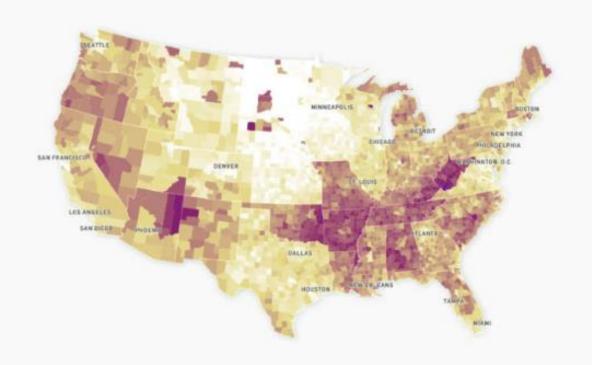


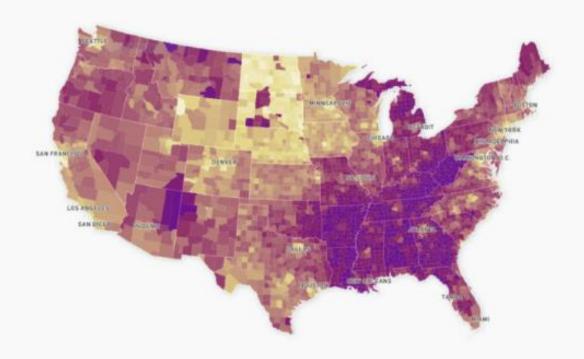




@greg.fiske @woodwellclimateresearchcenter

Values represent projected 2040-2060 temperatures (RCP 8.5) minus 1880-1920.

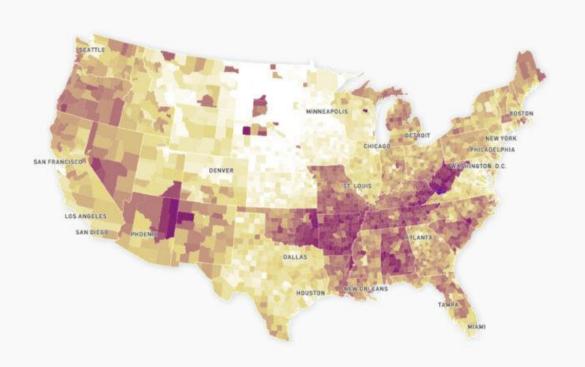


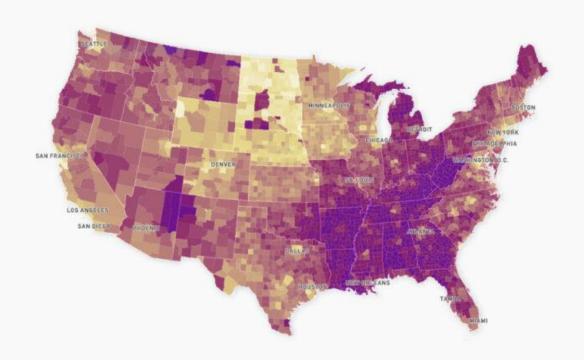


2015 2019

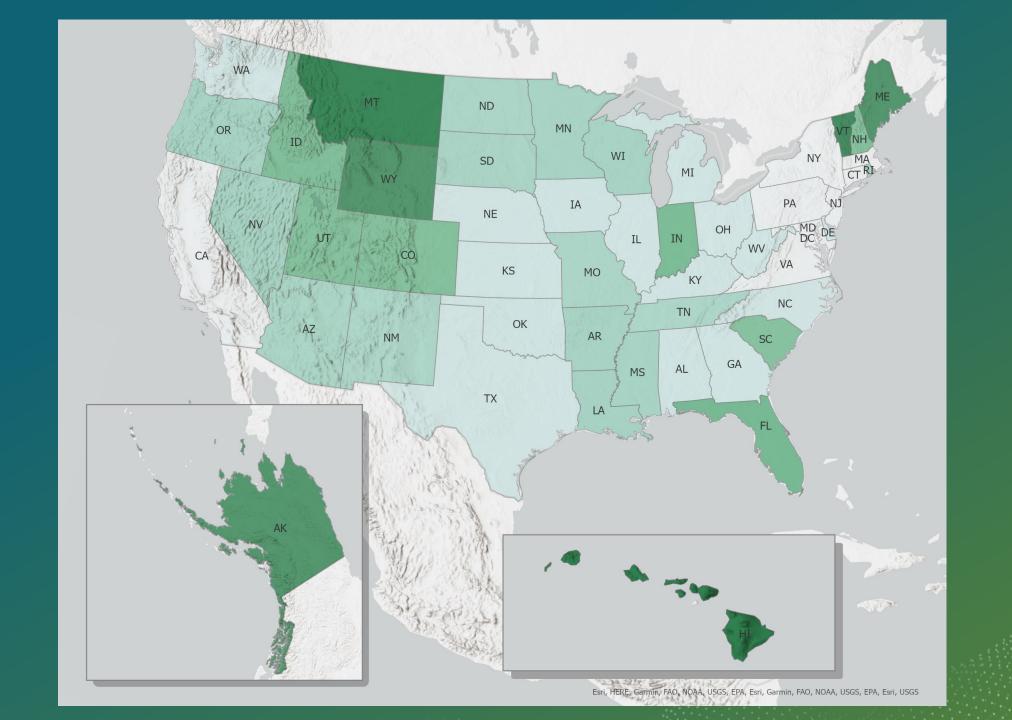
Average number of poor mental health days per month







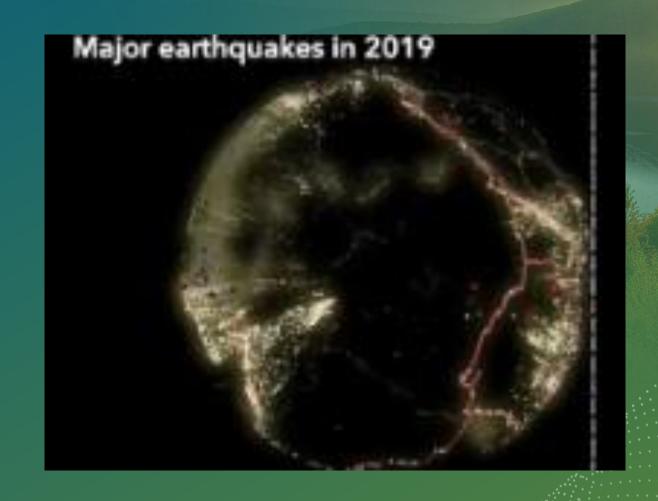
2015 2019



Visual Storytelling

Ensuring Greater Accessibility

- 60,000X faster*
- Multiple concepts at once*
- WHERE is intuitive
- Mitigate the language barrier
- Interactive; invites exploration



*Source: 3M Research

What Is a GIS?

A System for Managing, Sharing and Applying Geographic Information





Environmental Regulation

Customer Examples

MT DNR ARPA Hub



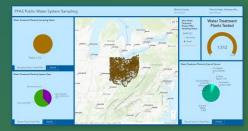




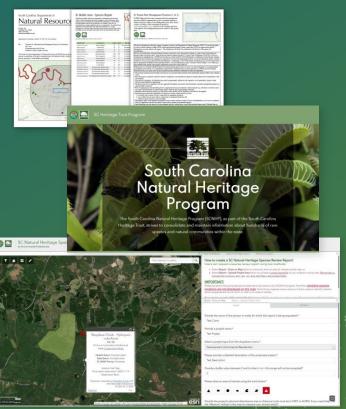




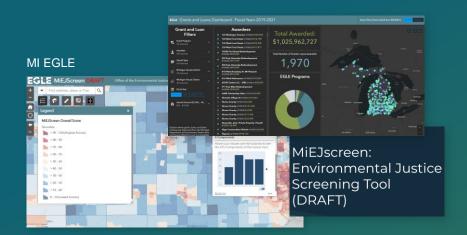
Ohio EPA PFAS Dashboard

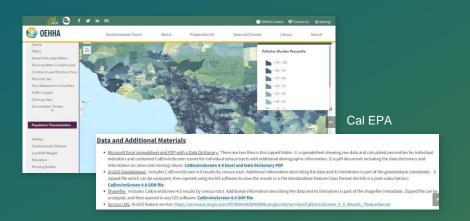


SC DNR Enterprise Site for Environmental Review

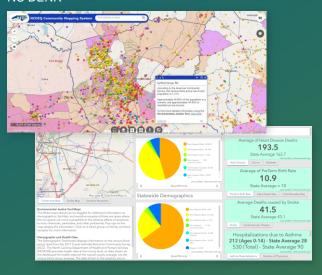


Environmental Justice





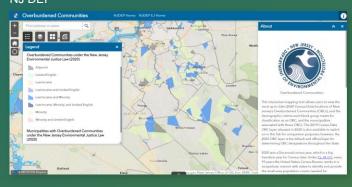
NC DENR



NYS DEC

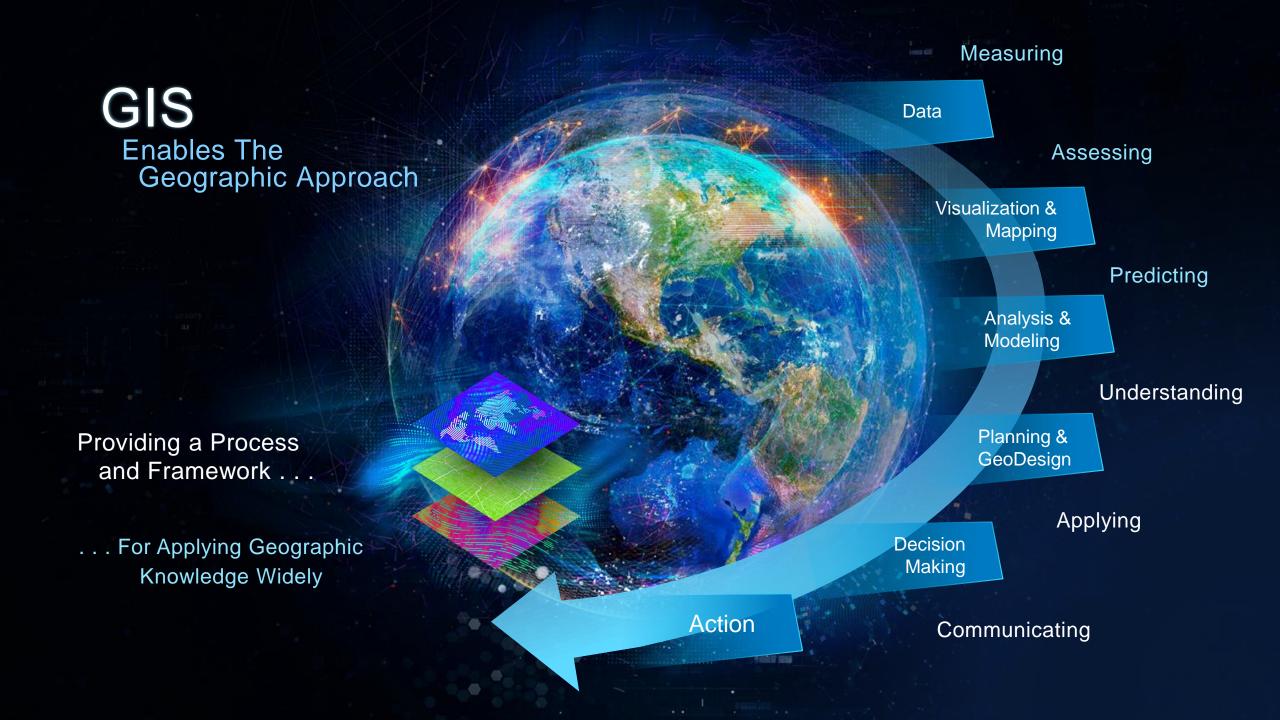


NJ DEP



Esri Living Atlas - CEQ Justice 40 Nationwide Dataset







Making the Most of Your GIS

Leveraging Your Existing Tech Investment to its Greatest Potential

Making the Most of GIS

Establishing a Geospatial Strategy

A Geospatial Strategy is a business-oriented plan that defines how an organization will use GIS to achieve its goals.

An effective geospatial strategy connects your business needs with the right people, processes and technology to help you overcome challenges and improve results.

Geospatial Strategy

App Value Matrix Helps Prioritize Where to Begin

Level of Effort						
Low	Med-Low	Med	Med High	High		
1.3 4.2 8.1 8.10 9.5 10.2 1.5 5.4 8.3 9.1 9.7 1.6 7.7 8.9 9.2 9.8	24 2.7 3.3 4.3 5.1 12.2 10.1 3.1 4.1 4.5 12.1 12.5 7.1 7.3 7.4 8.8 9.3 9.6	1.1 12.3 9.4 1.2 7.5 11.4 2.5 7.6 11.7	2.6 8.4 5.5 6.3	21 22	High	
23 0-5	8.2	8.7			Med High	Bus
113	2.3 6.4 3.2 11.5 6.2 11.6	14 52 72			Med	Business Value
					Med	
32 (22 (12 (12 (14 (14 (14 (14 (14 (14 (14 (14 (14 (14	4-6 6-5 8-6 12-4 6-7	63			Low	450

Incorporate and Operationalize

And succeed!

- GIS Integration as a Requirement for New Business Systems
- Call your GIO, GIS Manager:
 - Assess your organization's existing GIS capacity (the lone wolf problem.)
 - Help with geospatial strategy
 - Develop governance!
- Senior Executive Summit and CIO Summit

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