



INDIANA GEOGRAPHIC INFORMATION OFFICE

Department of Local
Government Finance –
Monthly webinar series
July 20, 2022

Speakers

Megan Compton – Indiana Geographic Information Officer - Indiana Office of Technology

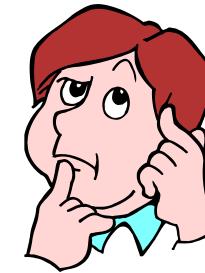
Leads the Indiana Geographic Information Office, oversees the State's spatial data and technology portfolio and supports teams to build efficient, innovative solutions that benefit our communities and the state.

Jim Sparks – Senior Geospatial Advisor

Jim has spent most of his career working with geospatial information. His experience has come through positions as construction surveyor, cartographer, parcel mapper, and consultant. Jim has worked in county government, state government, higher education, and the private sector.



What is GIS ?



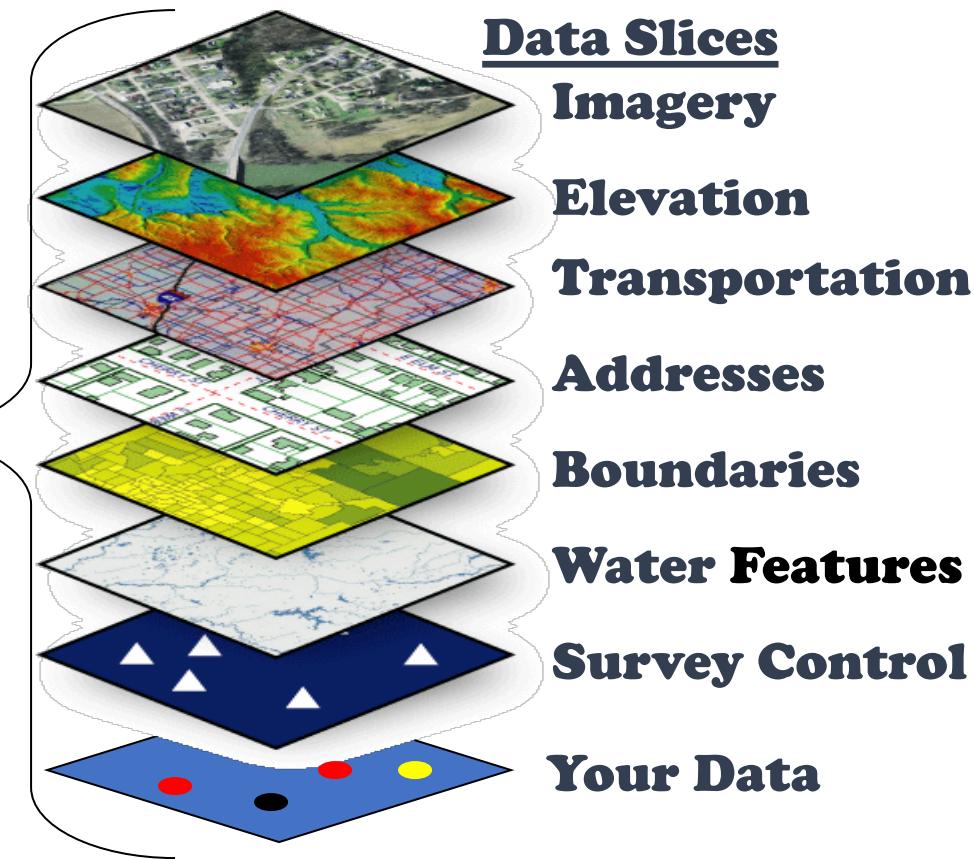
GIS is a way of organizing database records by tying them to geographically synchronized slices of the world...

The Real World



...So that “where”
questions can be asked
and answered.

GIS World Model



Why GIS?

- Where is the weather causing hazardous driving conditions? [Ongoing]
- Where in Indiana are parcels of land that would be perfect for a new Honda plant? [June 2006]
- Where across 32 Indiana counties should tornado damage response efforts focus? [Fall, 2002]



Road Weather Sensors

Welcome

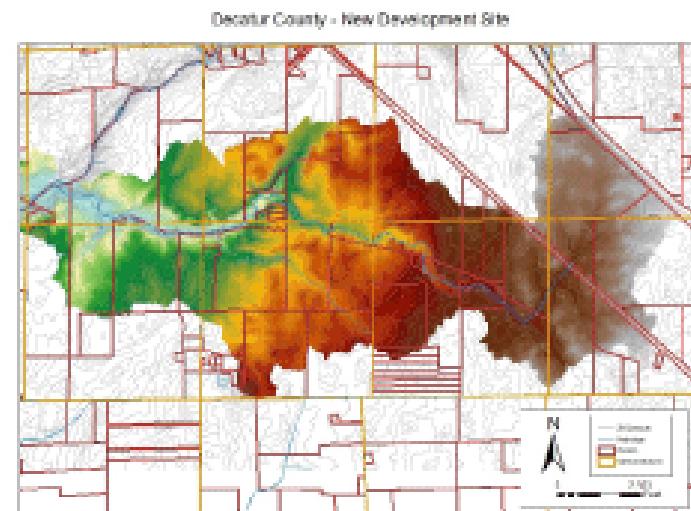
Road Weather Sensors Map provides the public with access to up to date weather information for thirty locations throughout the state from INDOT's Road Weather Information System (RWIS). Click on a location triangle on the map to the left to display that location's current readings. Click on the cross hatched areas over Indianapolis or NW Indiana for a detailed map of sensors in those area. For a summary of all locations select the link below.

[Summary of all Locations](#)

Map Labels

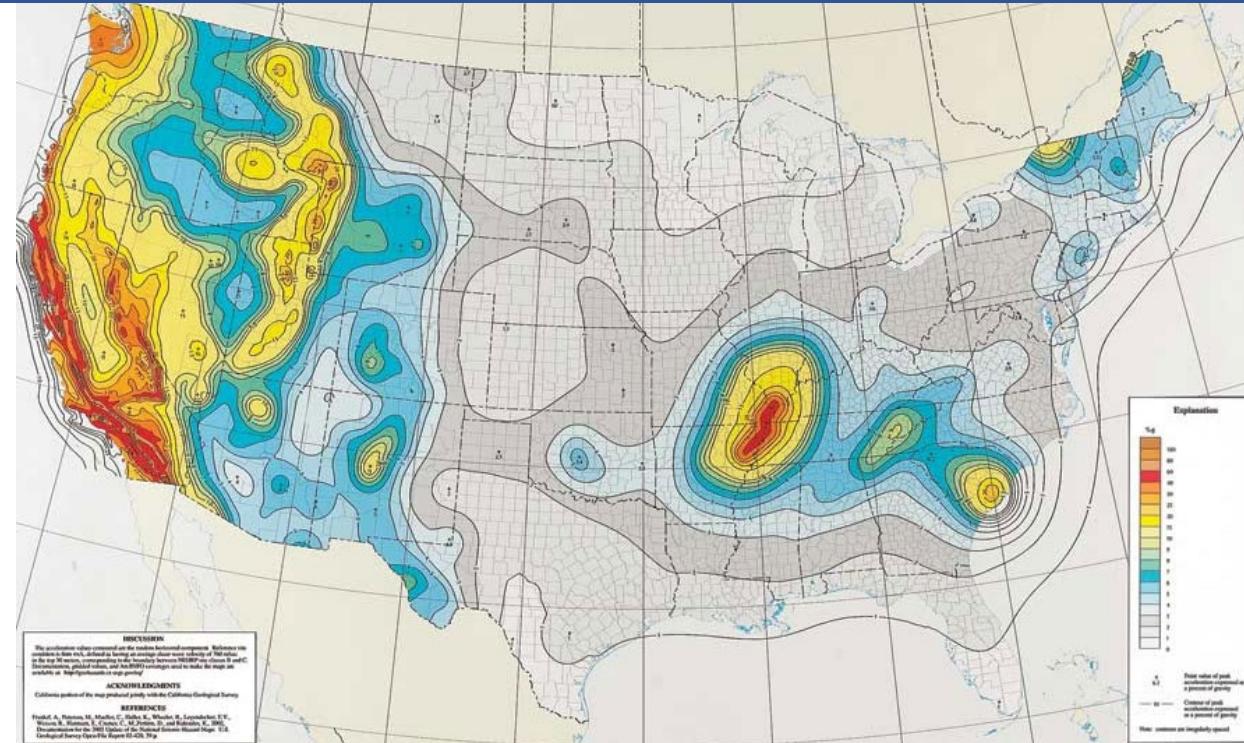
Select a type of weather data to label on the map.

Surface Temp
Select One
Air Temperature
Dewpoint
Humidity
Wind Speed
Wind Gust
Wind Direction
Surface Temp
Department of Transportation
foregoing information is a planning tool.
conditions change rapidly,
information cannot be
relied upon by INDOT for itself, its officers,
employees and agents disclaims any
responsibility for reliance thereon. Motorists



What is GIS?

GIS allows us to view, understand, question, interpret, and visualize data in many ways that reveal relationships, patterns, and trends in the form of maps, globes, reports, and charts.





I.C. 4-23-7.3 Indiana GIS Mapping Standards July 1, 2007



I.C. 4-23-7.3 Indiana GIS Mapping Standards



Coordinate GIS
Efforts



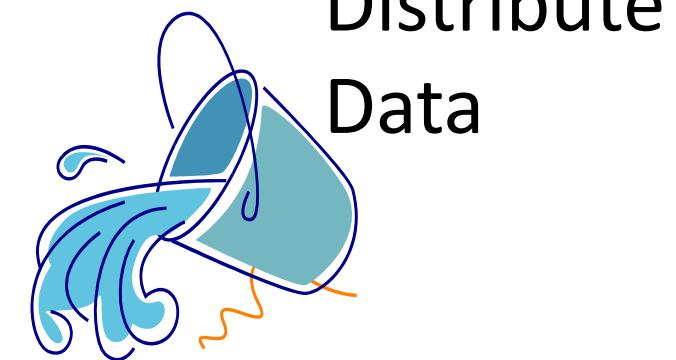
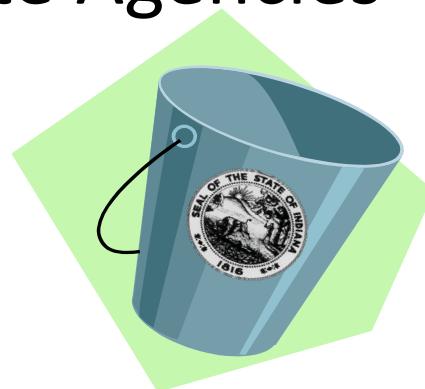
Integrate
Data

GIO Responsibilities



Create New
Data

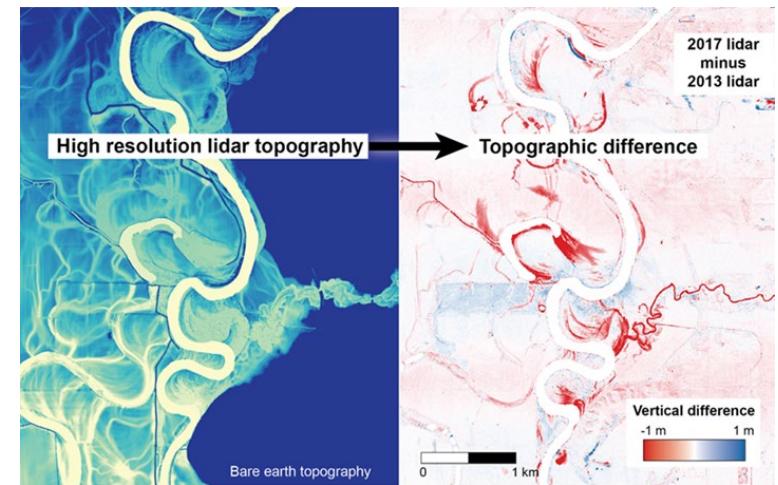
Serve as GIO for
State Agencies



Distribute
Data



Projects with GIS

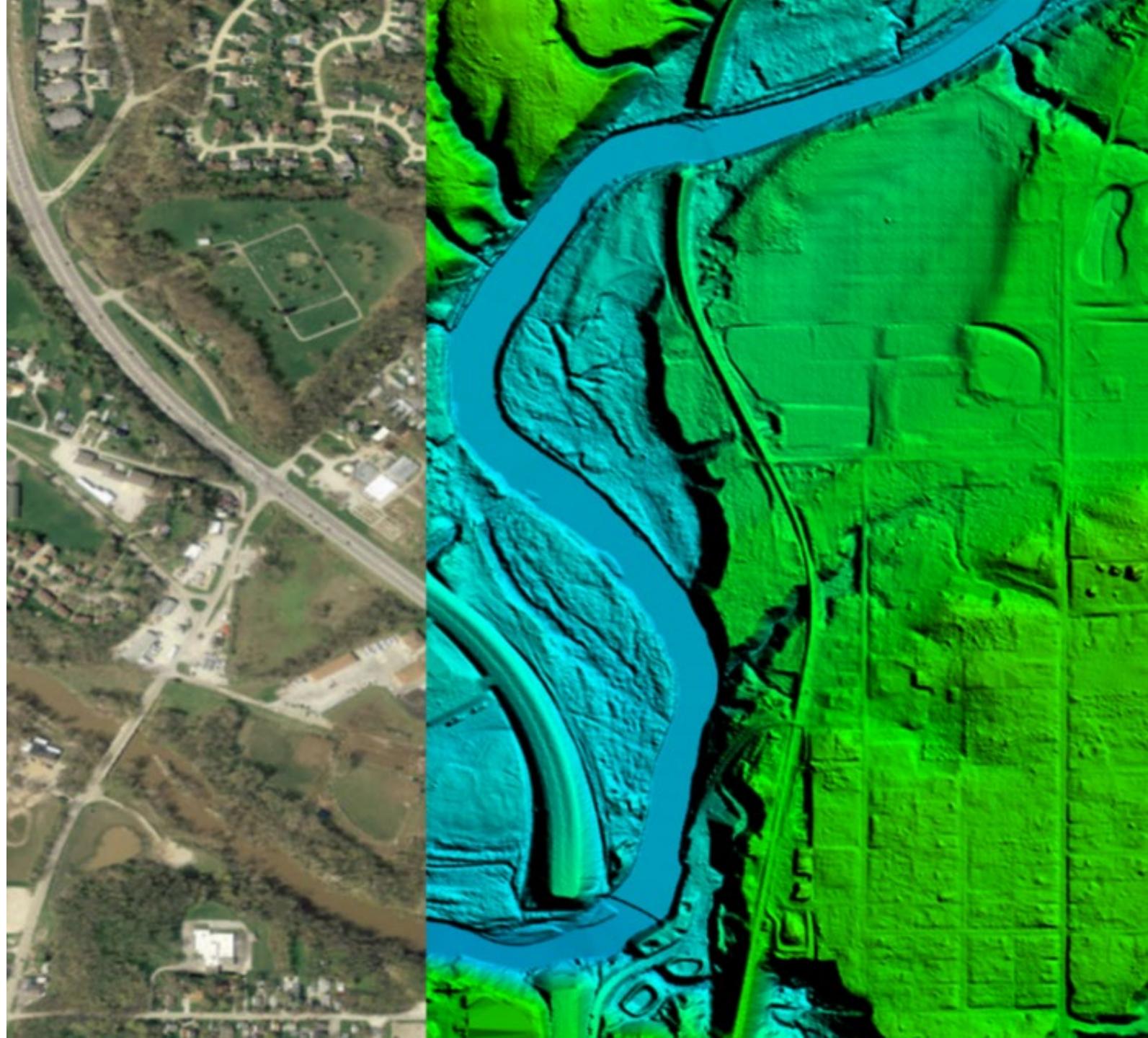


Orthoimagery and Lidar Programs

6-inch (15-cm)
Pixel Resolution

4-Band Imagery
(R,G,B, NIR)

Available for
public use





IN.gov Home Data Gallery Popular Apps Follow Initiative

IndianaMap –

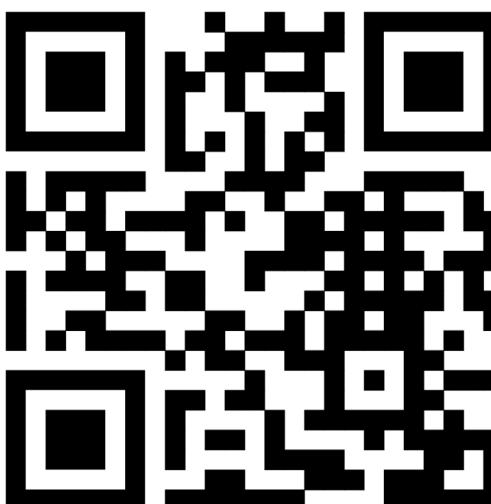
New Frontier of the Open Data Collaborative

IndianaMap
The Place for Indiana Geospatial Information
Welcome to the new site!

Find information using categories like "boundaries" or "transportatio...

IndianaMap is a strategic resource providing a collection of authoritative data and web services. It is an organized effort of partners throughout Indiana, involving local, state, and federal agencies, private sector and academia. Search for or browse the data, use within your own application, analyze with your choice of tools, or build your own apps.

IndianaMap is maintained for the Indiana GIS Community by the [Indiana Geographic Information Officer \(GIO\)](#) in partnership with [geoConvergence](#) and the [Indiana Geographic Information Council \(IGIC\)](#).





Who can make a map?

IN.gov Home

County Boundaries of Indiana 2021

IndianaMap GIO
IndianaMap

Summary

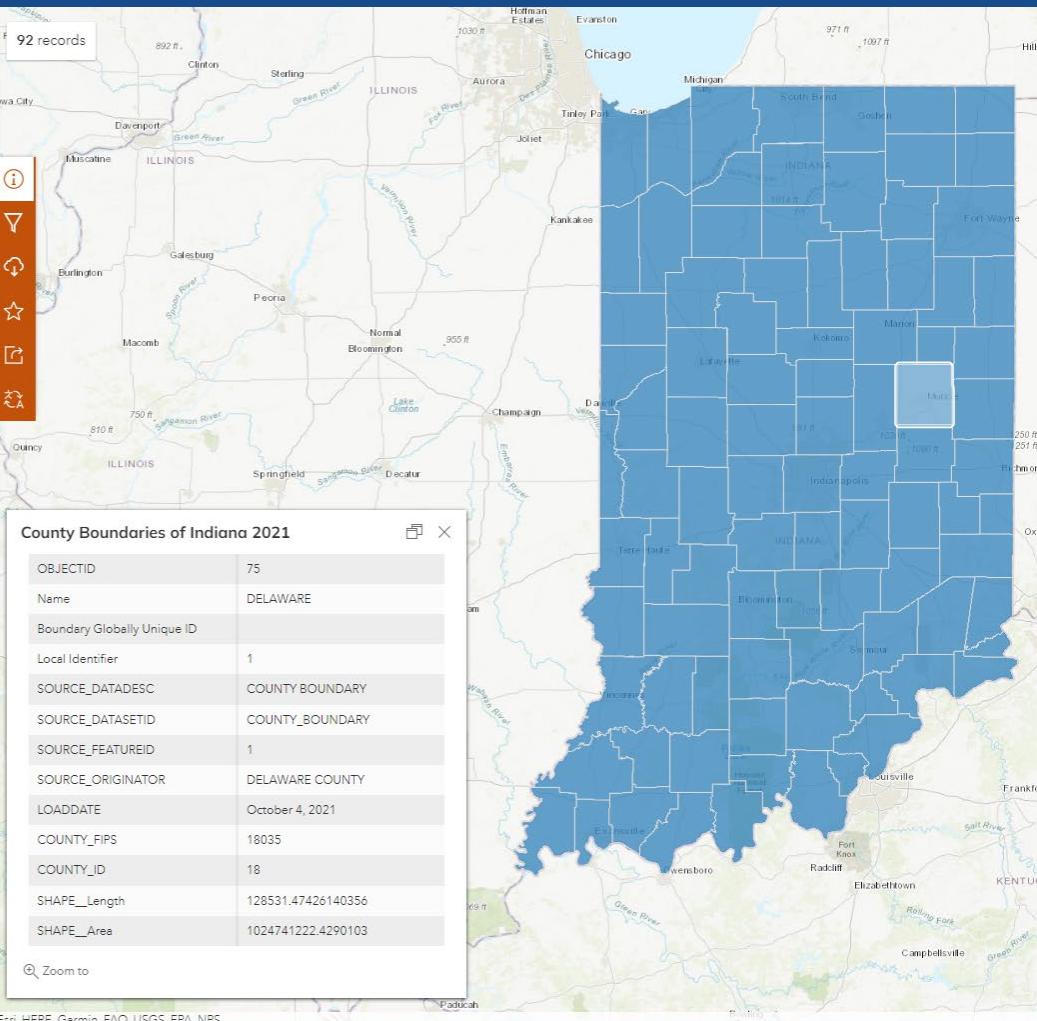
This data set was developed to provide accurate framework data (including address points, street centerlines, land parcels, and governmental boundaries) for Indiana, as part of the Indiana Data Sharing Initiative (IDS) of the Indiana Geographic Information Office (GIO).

[View Full Details](#)

Details

- Dataset**
Feature Layer
- May 23, 2022**
Info Updated
- May 23, 2022**
Data Updated
- May 17, 2022**
Published Date
- 92 Records**
[View data table](#)
- Public**
Anyone can see this content
- No License Provided**
Request permission to use

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DEMO!



GIS DATA HARVEST PROGRAM

Download datasets:

- Statewide datasets:
 - Address Points
 - Street Centerlines
 - Parcels
 - County Boundaries
 - Other Boundaries
- County datasets
- Metadata
- Geocoding geodatabase and statewide locators (ArcGIS Pro)
- Geocoding statewide locators (ArcMap)
- 2021 Department of Local Government Finance real property geodatabase (includes PARCEL, LAND, IMPROVE, DWELLING, BUILDING, and BUILDING DETAIL tables).

Feature services:

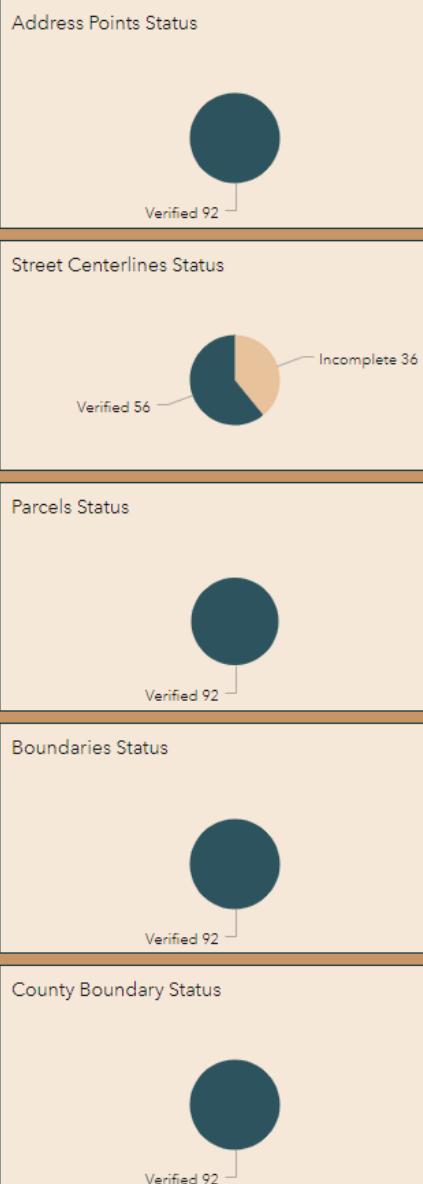
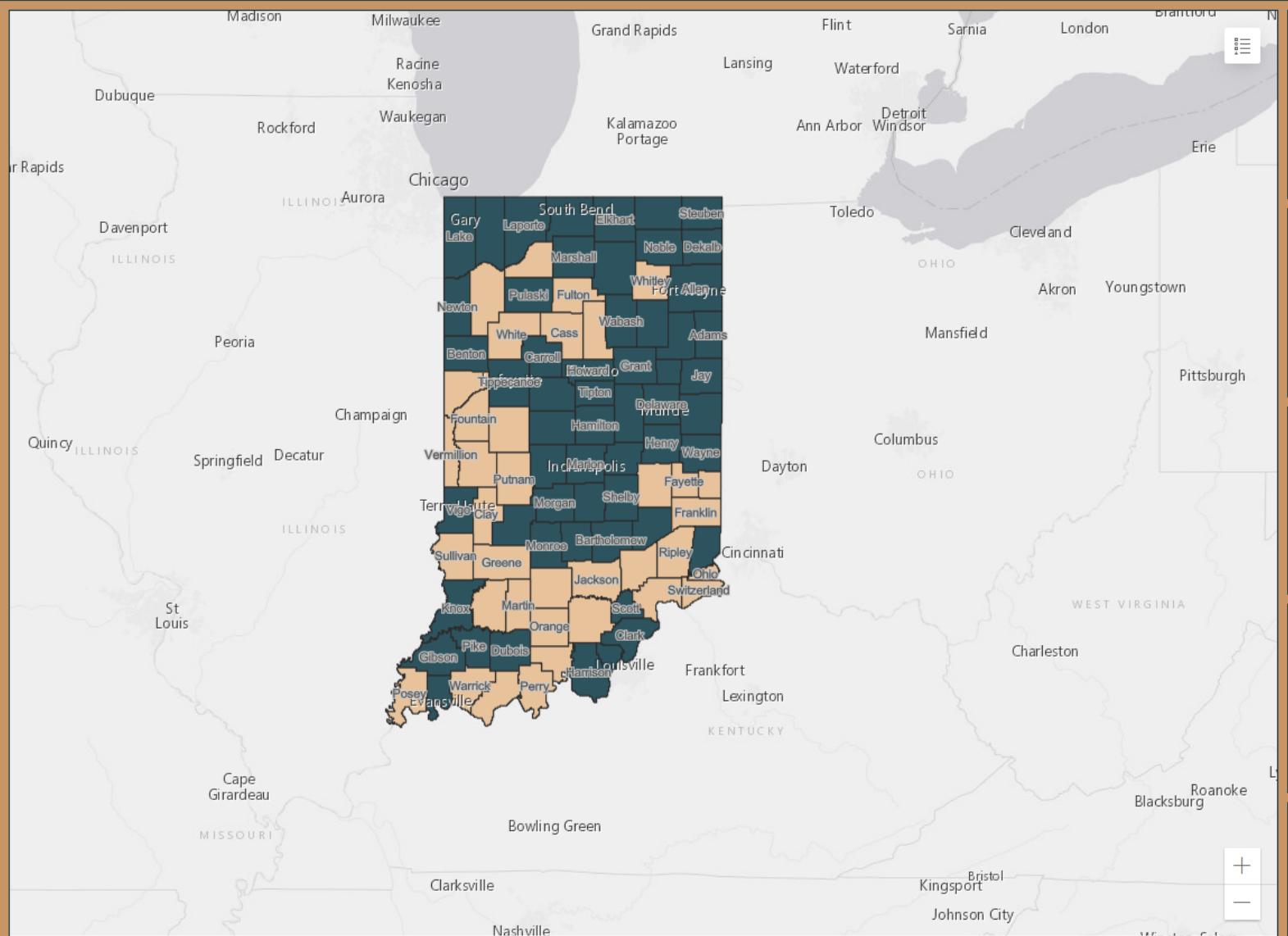
Parcel layer:
https://gisdata.in.gov/server/rest/services/Hosted/Parcel_Boundaries_of_Indiana_2021/FeatureServer

Address Layer:
https://gisdata.in.gov/server/rest/services/Hosted/Address_Points_of_Indiana_2021/FeatureServer

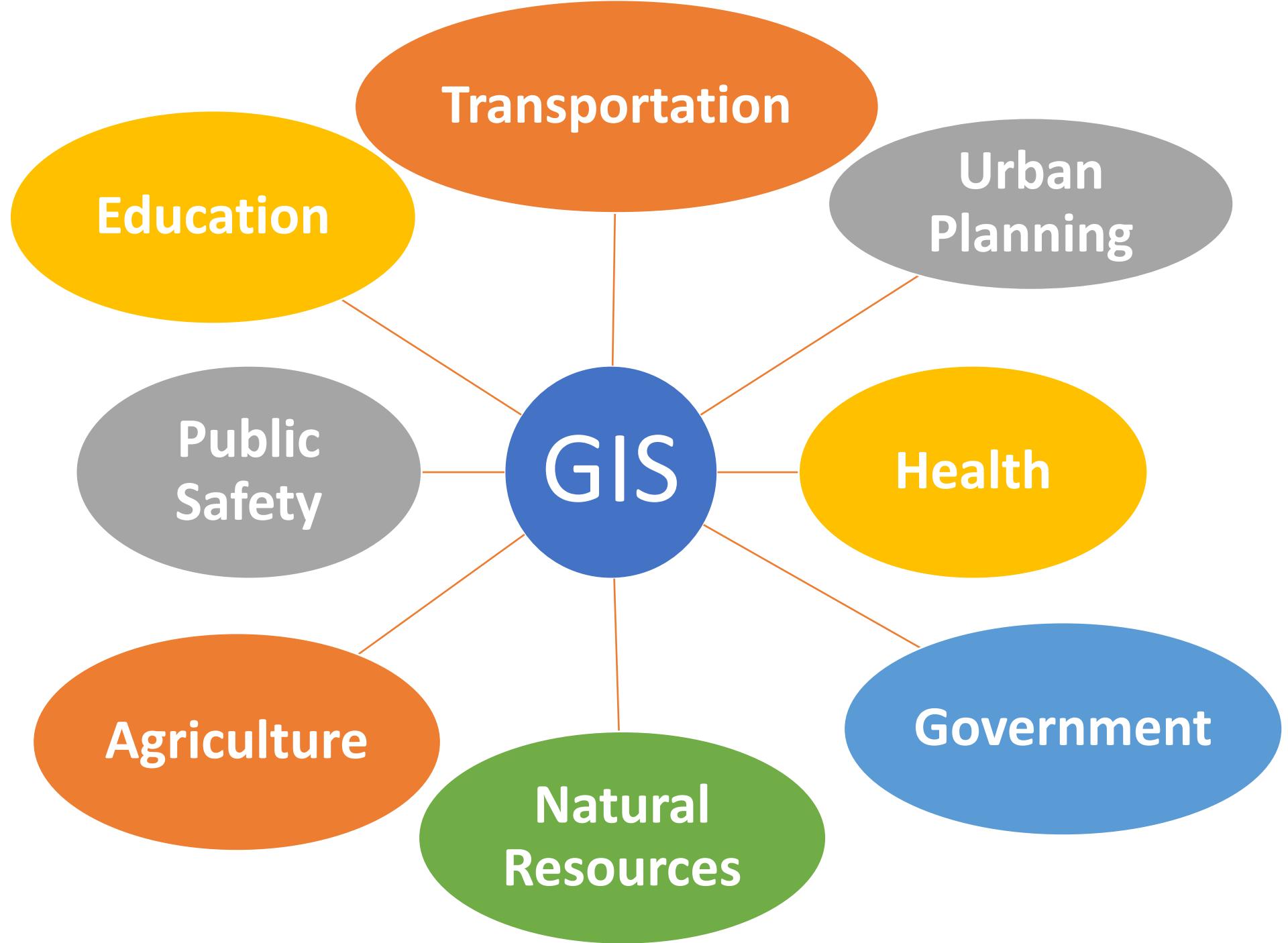
Street Layer:
https://gisdata.in.gov/server/rest/services/Hosted/Road_Centerlines_of_Indiana_2021/FeatureServer

County boundary layer:
https://gisdata.in.gov/server/rest/services/Hosted/County_Boundaries_of_Indiana_2021/FeatureServer

Administrative boundaries:
https://gisdata.in.gov/server/rest/services/Hosted/Administrative_Boundaries_of_Indiana_2021/FeatureServer



Addresses - Road Centerlines - Parcels - Administrative Boundaries



County Contacts for GIS



 INDIANA GEOGRAPHIC INFORMATION OFFICE

Please Enter Keyword

IT Director 125 E 9th St
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Fulton County
Department/Agency: Planning Address:
Title: 125 E 9th St
Name: Cesi Cowles
Phone: Rochester IN 46975
Email: ccowles@co.fulton.in.us

Fulton County
Department/Agency: Surveyors Address:
Office 125 E 9th St
Title: Rochester IN 46975
Name: Seth White
Phone:
Email: surveyor@co.fulton.in.us

Pulaski County
Department/Agency: Address:
Title: IT Director 112 E Main St
Name: R.B. Walters
Phone: 5742429120
Email:
itdirector@pulaskicounty.in.gov

Wabash County
Department/Agency: Address:
Title: GIS Director One W. Hill Street Suite 103
Name: Mike Howard
Phone: 2605630661
Email:
plandirector@wabashcounty.in.gov

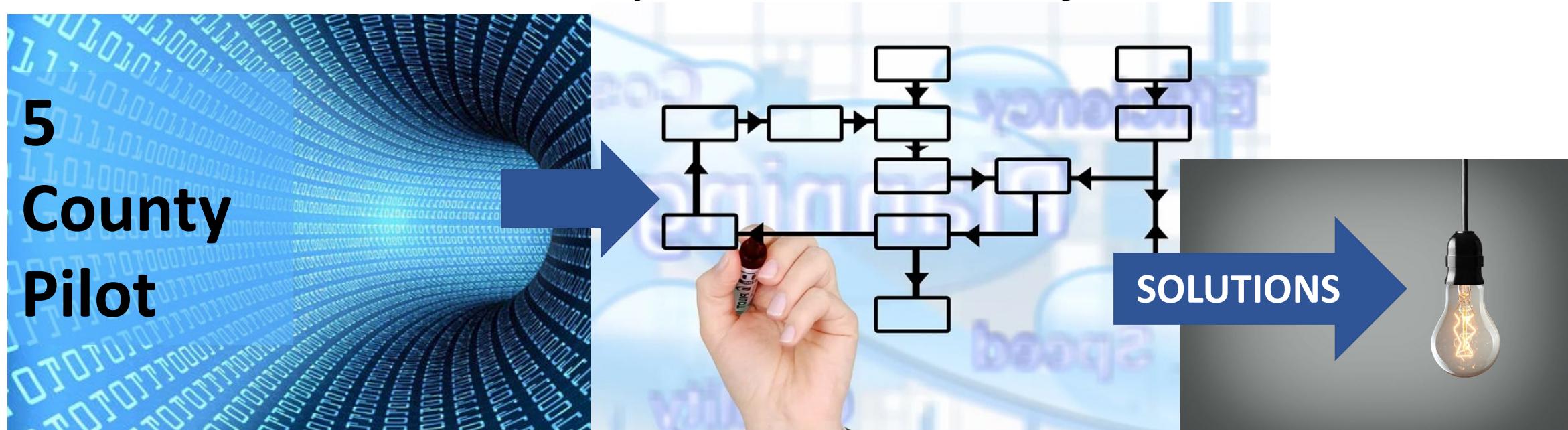
Huntington County
Department/Agency: Address:
Title: GIS/IT Technician 201 N Jefferson St
Name: Dehann Strine



The map displays the state of Indiana with its 92 counties outlined and labeled. The counties are color-coded in shades of blue, and county names are printed directly on their respective areas. The map is overlaid on a satellite image of the state's terrain. On the left side of the map, there is a vertical sidebar with several icons: a magnifying glass for search, a plus sign for zoom in, a minus sign for zoom out, a house icon, and a circular icon with a question mark.

Framework Data Improvement Project

5 County Pilot



What happens after the pilot?



Conclude pilot



Review processes



Set process for expansion



Launch statewide
framework data
improvement program



<http://www.in.gov/gis>

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IndianaMap

