



# 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

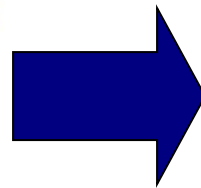
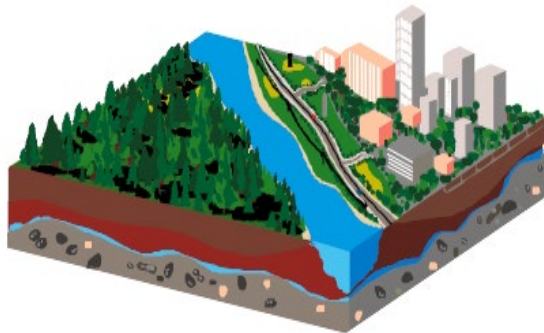
Jim has spent most of his career working with geospatial information. His experience has come through positions as construction surveyor, cartographer, parcel mapper, and consultant. Jim has worked in county government, state government, higher education, and the private sector.

# What is GIS ?

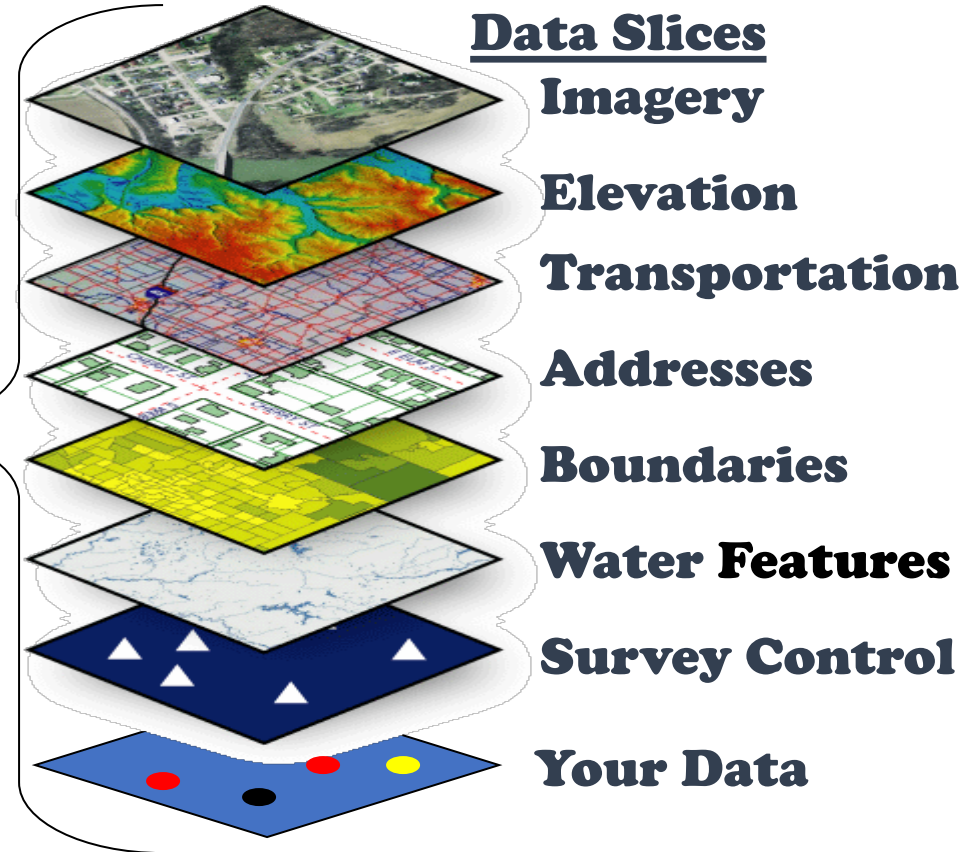


GIS is a way of organizing database records by tying them to geographically synchronized slices of the world...

The Real World



GIS World Model



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

# 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 areas. For a summary of all locations select the link below.

[Summary of all Locations](#)

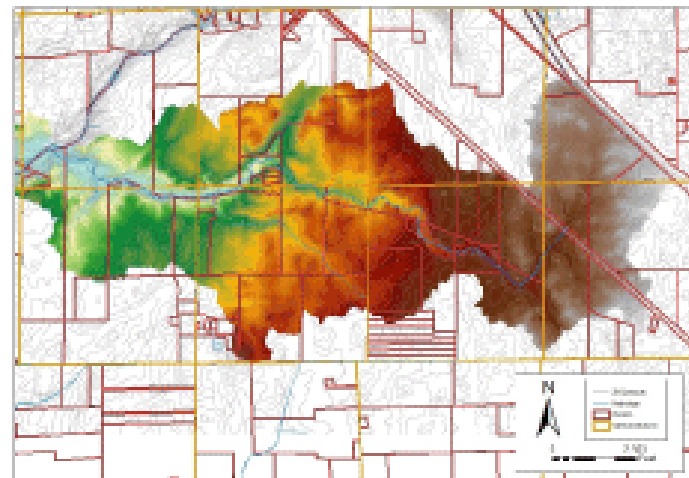
### Map Labels

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
- ent of Transportation foregoing information avel planning tool. nditions change rapidly, nformation cannot be T for itself, its officers, employees and agents disclaims any responsibility for reliance thereon. Motorists

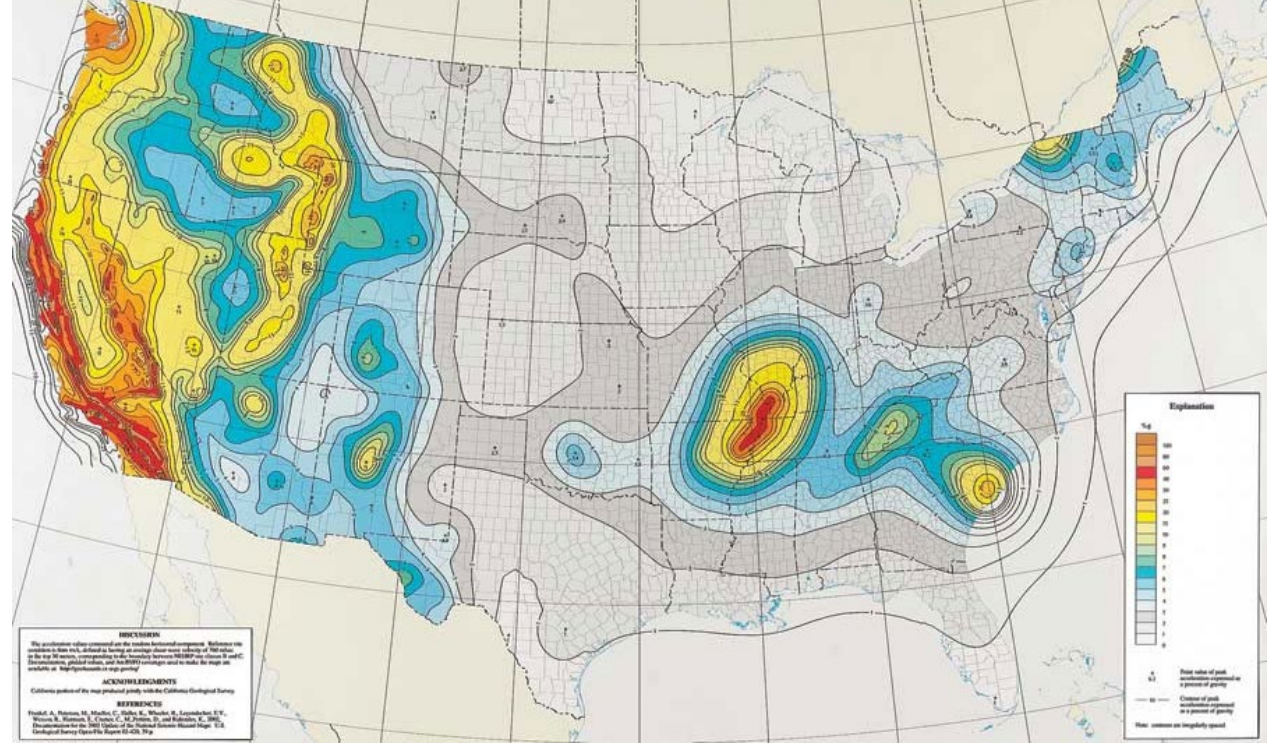
Decatur County - New Development Site





# 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

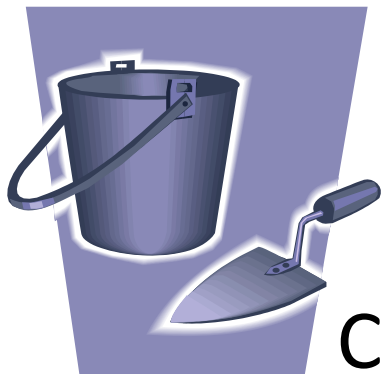


Coordinate GIS Efforts



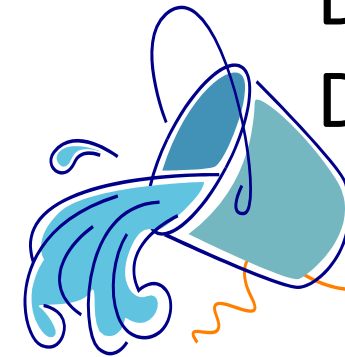
Integrate Data

## GIO Responsibilities



Create New Data

Serve as GIO for State Agencies

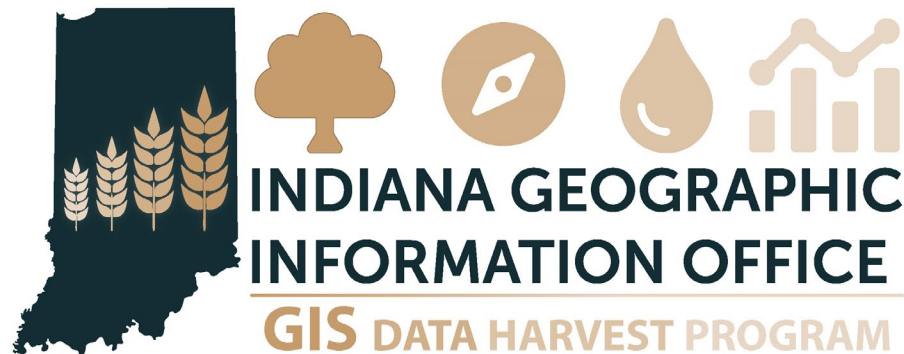
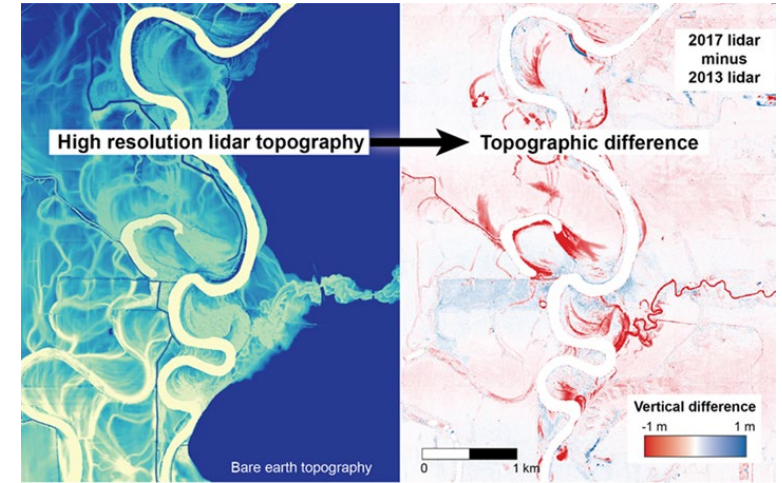


Distribute Data

# Projects with GIS



## LiDAR





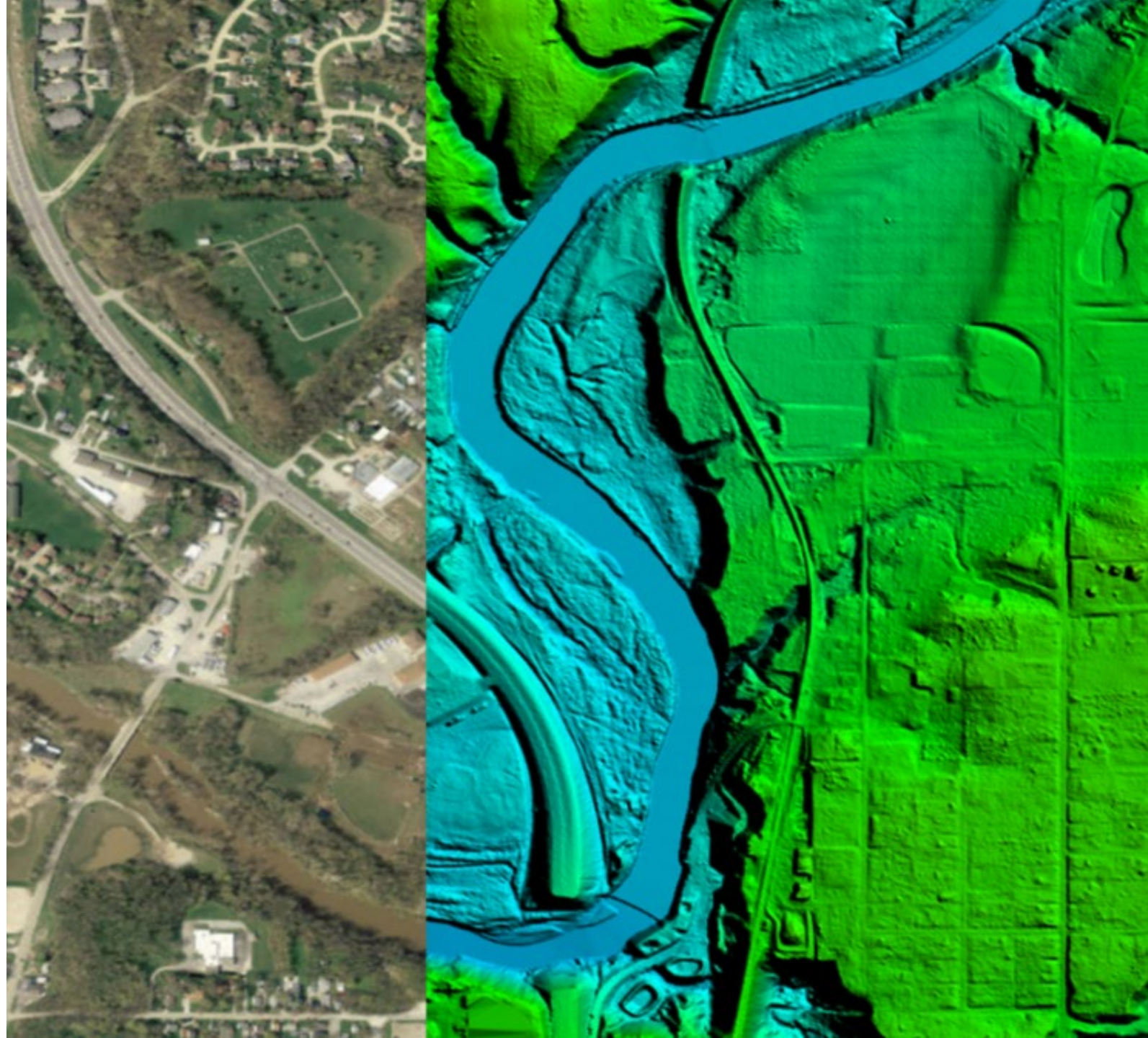


# Orthoimagery and Lidar Programs

6-inch (15-cm)  
Pixel Resolution

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

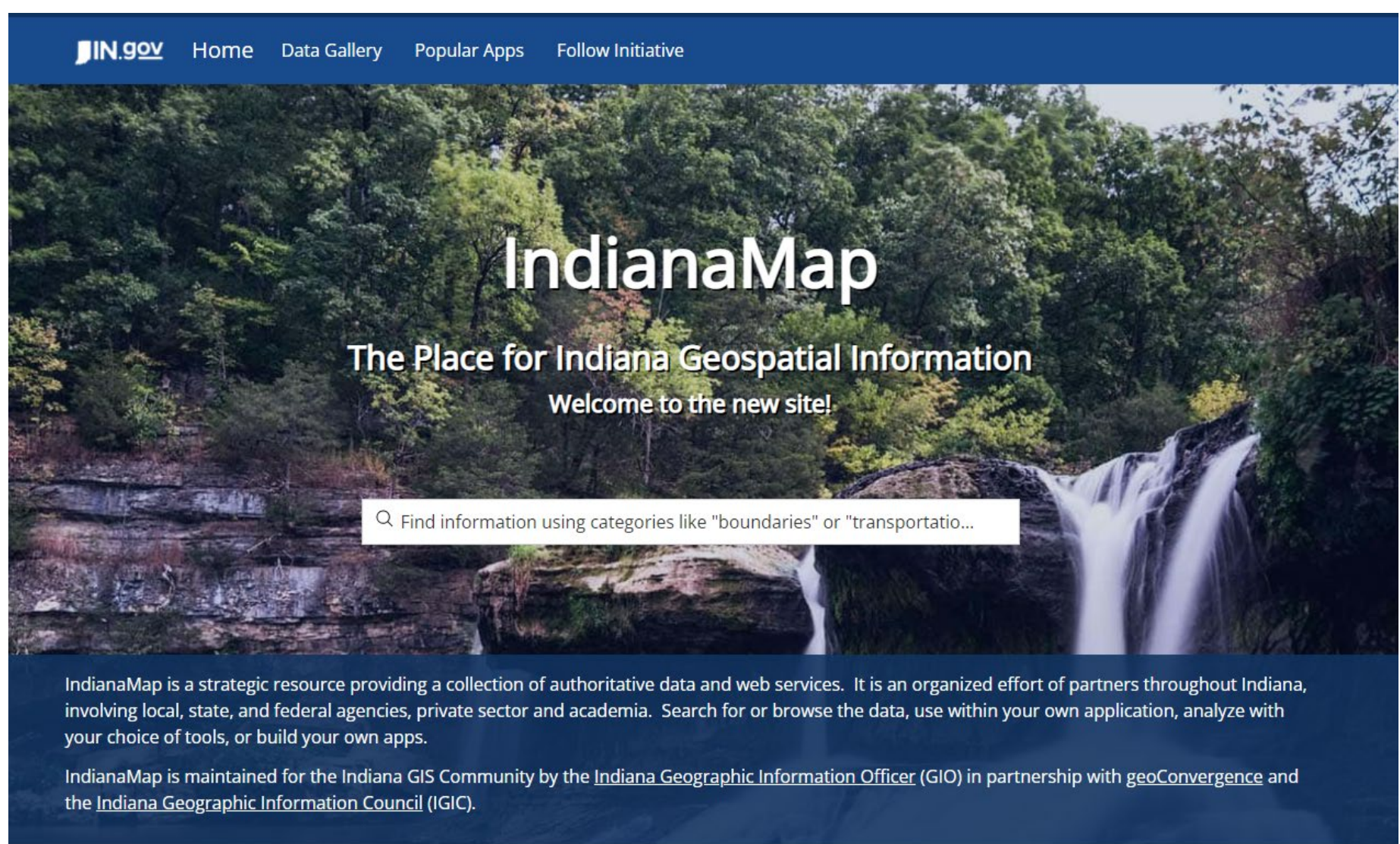
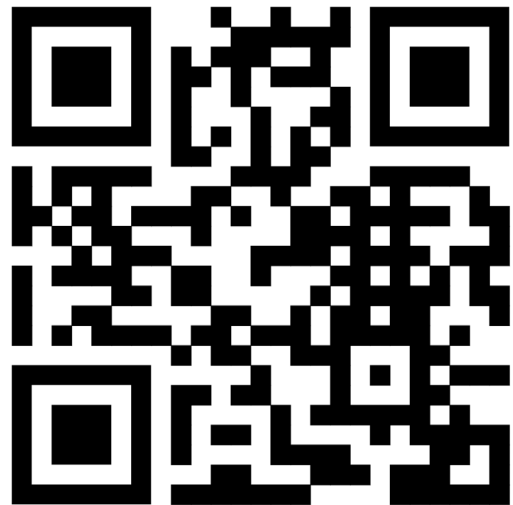
Available for  
public use





# IndianaMap –

## New Frontier of the Open Data Collaborative



The screenshot shows the homepage of the IndianaMap website. At the top, there is a dark blue navigation bar with the logo 'IN.gov' and links for 'Home', 'Data Gallery', 'Popular Apps', and 'Follow Initiative'. The main content area features a large background image of a waterfall in a forest. Overlaid on this image is the title 'IndianaMap' in a large, white, sans-serif font. Below the title is the subtitle 'The Place for Indiana Geospatial Information' and a welcome message 'Welcome to the new site!'. A search bar is positioned in the center, containing the text 'Find information using categories like "boundaries" or "transportatio...'. At the bottom of the page, there is a dark blue footer with white text describing the site as a strategic resource and listing its partners: the Indiana GIS Community, the Indiana Geographic Information Officer (GIO), geoConvergence, and the Indiana Geographic Information Council (IGIC).

**IN.gov** Home Data Gallery Popular Apps Follow Initiative

# 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 (IDSI) of the Indiana Geographic Information Office (IGIO).

[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

[I want to use this](#)

92 records

Map showing County Boundaries of Indiana 2021. The map displays the state of Indiana with county boundaries highlighted in blue. Major cities and towns are labeled, including Chicago, Indianapolis, and Evansville. The map also shows neighboring states: Michigan, Ohio, Kentucky, and Illinois.

**County Boundaries of Indiana 2021**

|                             |                    |
|-----------------------------|--------------------|
| OBJECTID                    | 75                 |
| Name                        | DELAWARE           |
| Boundary Globally Unique ID |                    |
| Local Identifier            | 1                  |
| SOURCE_DATADESC             | COUNTY_BOUNDARY    |
| SOURCE_DATASETID            | COUNTY_BOUNDARY    |
| SOURCE_FEATUREID            | 1                  |
| SOURCE_ORIGINATOR           | DELAWARE COUNTY    |
| LOADDATE                    | October 4, 2021    |
| COUNTY_FIPS                 | 18035              |
| COUNTY_ID                   | 18                 |
| SHAPE_Length                | 128531.47426140356 |
| SHAPE_Area                  | 1024741222.4290103 |

Zoom to

Esri, HERE, Garmin, FAO, USGS, EPA, NPS

**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:**

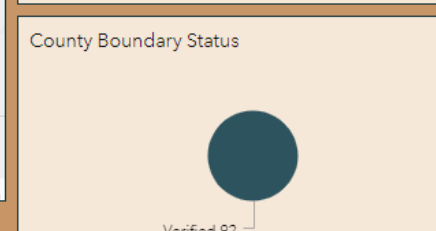
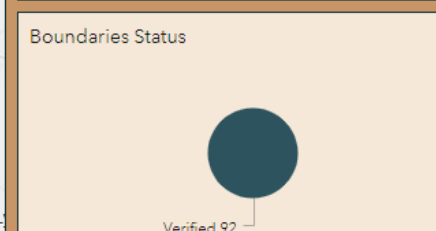
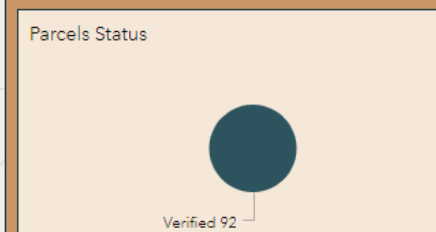
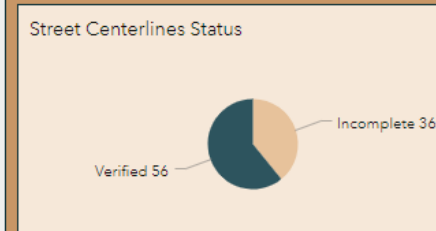
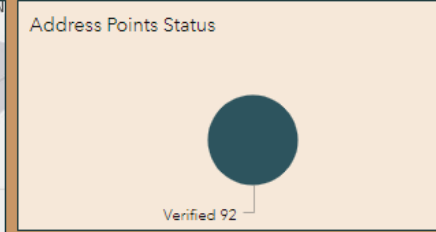
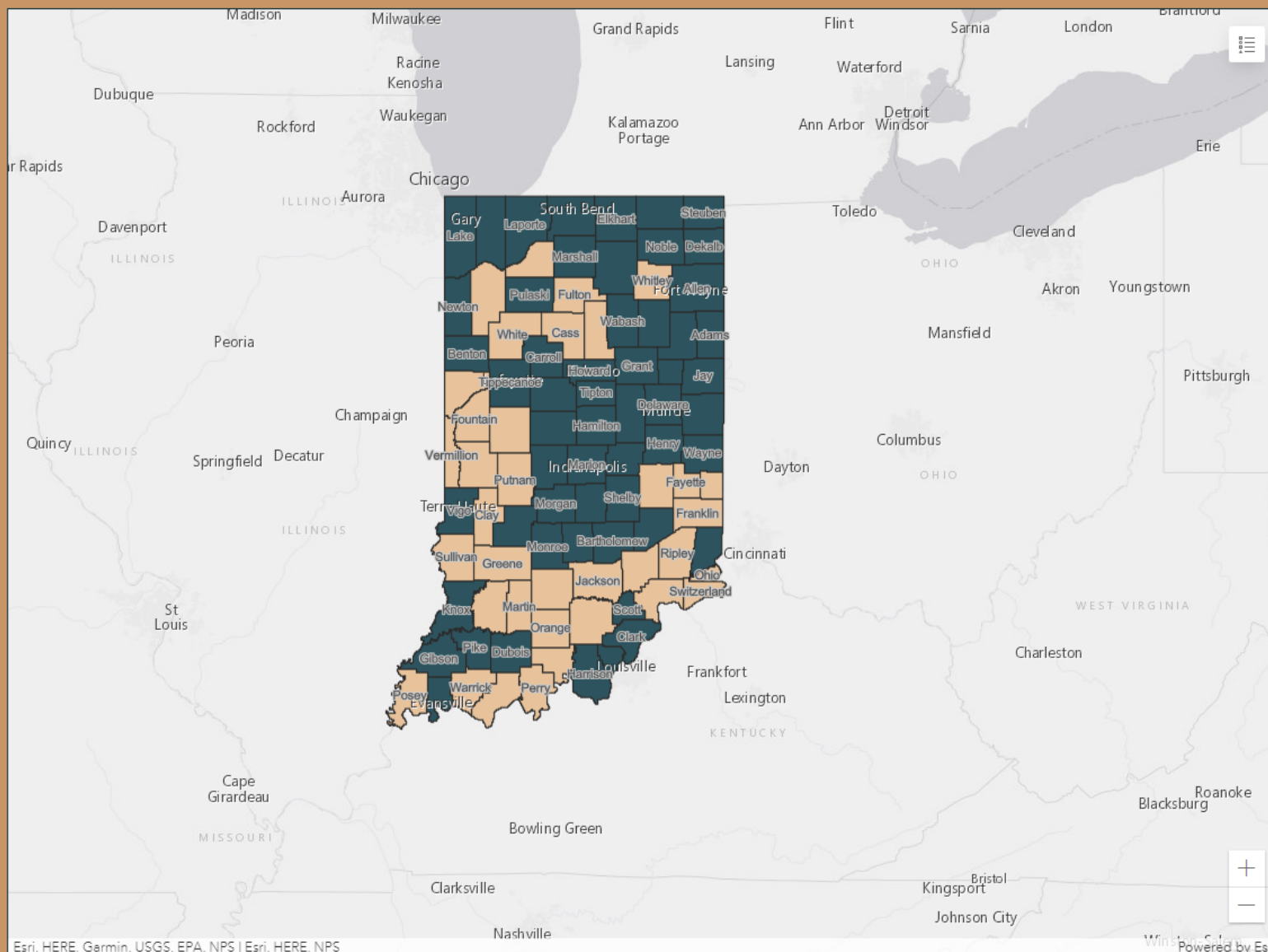
Parcel layer:  
[https://gisdata.in.gov/server/rest/services/Hosted/Parcel\\_Boundaries\\_of\\_Indiana\\_2021/FeatureServer](https://gisdata.in.gov/server/rest/services/Hosted/Parcel_Boundaries_of_Indiana_2021/FeatureServer)

Address Layer:  
[https://gisdata.in.gov/server/rest/services/Hosted/Address\\_Points\\_of\\_Indiana\\_2021/FeatureServer](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](https://gisdata.in.gov/server/rest/services/Hosted/Road_Centerlines_of_Indiana_2021/FeatureServer)

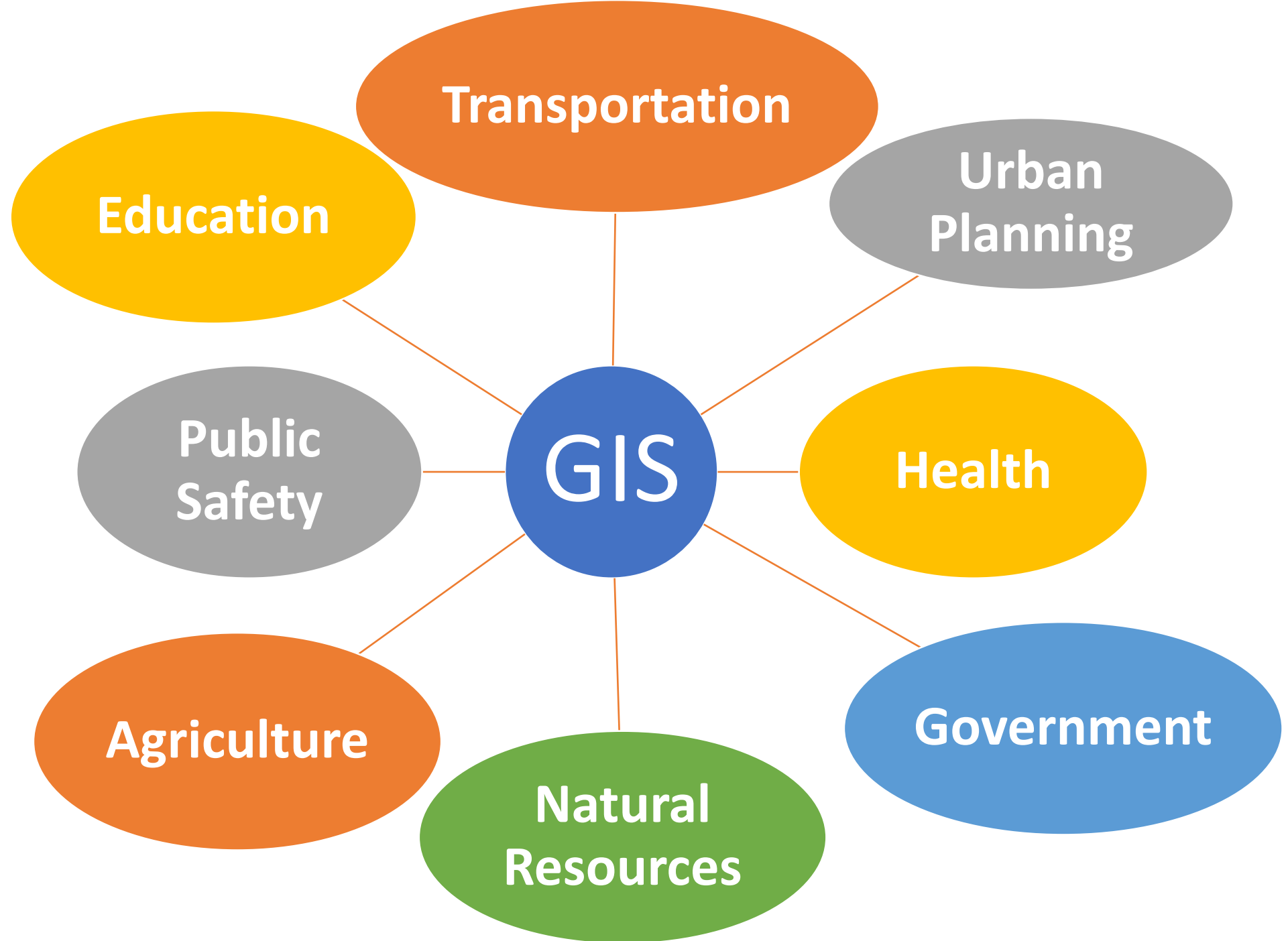
County boundary layer:  
[https://gisdata.in.gov/server/rest/services/Hosted/County\\_Boundaries\\_of\\_Indiana\\_2021/FeatureServer](https://gisdata.in.gov/server/rest/services/Hosted/County_Boundaries_of_Indiana_2021/FeatureServer)

Administrative boundaries:  
[https://gisdata.in.gov/server/rest/services/Hosted/Administrative\\_Boundaries\\_of\\_Indiana\\_2021/FeatureServer](https://gisdata.in.gov/server/rest/services/Hosted/Administrative_Boundaries_of_Indiana_2021/FeatureServer)



- Resulting Data
- Status of Address Points
- Status of Street Centerlines
- Status of Parcels
- Status of County Boundaries
- Status of Boundaries

**Addresses - Road Centerlines - Parcels - Administrative Boundaries**



**Transportation**

**Urban  
Planning**

**Education**

**Public  
Safety**

**GIS**

**Health**

**Government**

**Natural  
Resources**

**Agriculture**

# County Contacts for GIS



**Indiana GIS Contacts**

Please Enter Keyword

IT Director  
Name: Josh Srivier  
Phone: 5742232909  
Email: itdept@co.fulton.in.us  
Address: 125 E 9th St, Rochester IN 46975

**Fulton County**  
Department/Agency: Planning  
Address: 125 E 9th St, Rochester IN 46975  
Title: Casi Cowles  
Phone: ccowles@co.fulton.in.us

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

**Pulaski County**  
Department/Agency: IT Director  
Address: 112 E Main St, Winamac IN 46996  
Title: R.B. Walters  
Phone: 5742429120  
Email: itdirector@pulaskicounty.in.gov

**Wabash County**  
Department/Agency: GIS Director  
Address: One W. Hill Street Suite 103, Wabash IN 46992  
Title: Mike Howard  
Phone: 2605630661  
Email: plandirector@wabashcounty.in.gov

**Huntington County**  
Department/Agency: GIS/IT Technician  
Address: 201 N Jefferson St, Danboon Strine

A map of Indiana is shown on the right side of the interface, with each county labeled. The map is overlaid on a satellite-style background image of a landscape. The counties labeled include: Lake, Porter, LaPorte, St Joseph, Elkhart, Lagrange, Steuben, Noble, Dekalb, Starke, Marshall, Kosciusko, Whitley, Allen, Jasper, Pulaski, Fulton, Wabash, Wells, Adams, White, Cass, Miami, Benton, Carroll, Howard, Grant, Blackford, Jay, Warren, Tippecanoe, Clinton, Tipton, Delaware, Randolph, Boone, Hamilton, Henry, Wayne, Fountain, Parke, Hendricks, Marion, Hancock, Rush, Fayette, Putnam, Morgan, Johnson, Shelby, Franklin, Vigo, Clay, Owen, Monroe, Bartholomew, Decatur, Ripley, Sullivan, Greene, Lawrence, Jackson, Jennings, Ohio, Knox, Martin, Washington, Scott, Switzerland, Pike, Dubois, Orange, Washington, Clark, Gibson, Crawford, Floyd, Harrison, and Warrick.



# What happens after the pilot?



Conclude pilot



Review processes



Set process for expansion



Launch statewide  
framework data  
improvement program





Megan Compton  
[gio@iot.in.gov](mailto:gio@iot.in.gov)

Jim Sparks  
[jisparks@iupui.edu](mailto:jisparks@iupui.edu)

**IndianaMap**



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