GIS Governance in Indiana
Jim Sparks

- Survey crew rodman
- Civil engineering draftsman
- County cartographer
- Computer aided mapper
- GIS Administrator
- Project manager
- GIS consultant
- GIO

- County gov: 2 yrs.
- State gov: 3 + 10 yrs.
- University: 3 yrs.
- Private sector: 25 yrs.

- B.S. in Business Administration
- M.S. in Management
Jim Sparks

- Husband
- Father of two daughters
- Grandfather of CiCi, Stella, and Sully
- Dog lover (rescues Josie and Gabi)
- Map and GIS enthusiast
Indiana GIS History

1987-1988: First statewide GIS Conference
1989: University Alliance
1991: Indiana State Government Forum
1997: Indiana GIS Initiative
1997: MSE Acquired by ASI
2001: IGIC Incorporates
2002: ASI Indy Closes
2007: Indiana GIO Established
2018: Second GIO Appt.
2019: IGIC moves to mgmt company
I.C. 4-23-7.3 Indiana GIS Mapping Standards
GIO Responsibilities

- Coordinate GIS Efforts
- Create New Data
- Serve as GIO for State Agencies
- Integrate Data
- Distribute Data

I.C. 4-23-7.3 Indiana GIS Mapping Standards
State GIS officer; appointment; qualifications

(a) The governor shall appoint an individual as the state GIS officer.

(b) The individual appointed by the governor must be an experienced geography and mapping professional who has:

(1) extensive knowledge of the principles, practices, terminology, and trends in GIS, spatial data, analysis, and related technology; and

(2) experience in administration, project management, policy development, coordination of services, and planning.
Indiana Mapping Data And Standards Fund (Sec. 19)

(a) The Indiana mapping data and standards fund is established for the following purposes:

   (1) Funding GIS grants.

   (2) Administering this chapter.

(b) The fund consists of the following:

   (1) Appropriations made to the fund by the general assembly.

   (2) Gifts, grants, or other money received by the state for GIS purposes.
With money from the fund, the GIS officer shall:

(1) Ensure that there are adequate depositories of GIS data

(2) Acquire, publish, store, and distribute GIS data

(3) Integrate GIS data developed and maintained by state agencies and political subdivisions into the statewide base map.

(5) Except as otherwise provided in this chapter, provide public access to GIS data

(6) Provide assistance to state agencies and political subdivisions regarding public access to GIS data so that information is available to the public.

(7) Develop and maintain statewide framework data layers associated with a statewide basemap.
The state GIS officer shall do the following:

(1) Function as the chief officer for GIS matters for state agencies.

(2) Review and either veto or adopt both the:

   (A) state's GIS data standards; and

   (B) statewide data integration plan;

as recommended by the IGIC. If either of the recommendations is vetoed, the state GIS officer shall return the recommendation to the IGIC with a message announcing the veto and stating the reasons for the veto. If the IGIC ceases to exist or refuses to make the recommendations listed in this subsection, the state GIS officer may develop and adopt state GIS data standards and a statewide data integration plan.
IC 4-23-7.3-13 (7/1/2007)

The state GIS officer shall do the following:

- Cooperate with the United States Board on Geographic Names established by P.L.80-242 by serving as the chair of a committee formed with the IGIC as the state names authority for Indiana.

- Use personnel made available from state educational institutions to provide technical support to the: (A) state GIS officer in carrying out the officer's duties under this chapter; and (B) IGIC.

- Acquire, publish, store, and distribute GIS data and framework data through the computer gateway administered by the office of technology and through the state data center. The state GIS officer may also provide access through the IGIC and other entities as directed by the state GIS officer.
Authoritative Responsibility for GIS Coordination in Indiana
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IC 4-23-7.3 Indiana GIS Mapping Standards
The IndianaMap is a portfolio of projects that involve the collaborative efforts of federal, state, and local partners. The purpose of these efforts is to acquire, improve, and deliver a wide variety of Geographic Information Systems (GIS) data for Indiana.

The IndianaMap provides a viewing tool that can be used to view and query more than 220 layers of GIS data through the web. The available data include aerial photographs, land cover, reference layers, and layers related to infrastructure, demography, environment, hydrology, and geology.

The objectives of IGIC are to provide for the coordination of Indiana GIS through dissemination of data and data products, education and outreach, adoption of standards, building partnerships, and the IndianaMap.