



IGIC 2007-2009 Strategic Plan

Introduction

The following document maps out the 2007-2009 goals for the Indiana Geographic Information Council, and specific objectives to achieve each goal. Planning is done in accordance with four driving issues identified by IGIC: health and public safety, economic development, environment, and good government.

Mission

It is our mission to lead the effective application of geographic information in Indiana for an improved quality of life.

Vision

It is our vision that all Indiana communities will be safer, healthier, wealthier and wiser because they are part of a robust statewide GIS infrastructure.

Goals

To accomplish its goals, IGIC will establish objectives that are clear and concise; attainable; measurable; and have a target date for completion

1. IGIC will work toward building the **IndianaMap**
2. IGIC's **corporate activities** will be managed in a professional and accountable manner
3. IGIC will promote **dissemination of data and data products**
4. IGIC will nurture awareness and use of geographic information among the public and professionals through **outreach and education**
5. IGIC will develop and advise on **standards and policy** related to geographic information
6. IGIC will **build partnerships** that support and strengthen the Indiana GIS community

1. IGIC will work toward building the IndianaMap

The IndianaMap is comprised of the following nine Framework Data Layers: (1) Orthophotography, (2) Cadastre, (3) Public land survey system, (4) Elevation, (5) Geodetic control, (6) Governmental boundary units, (7) Water features, (8) Addresses, and (9) Streets.*

1. IndianaMap Data Exchange Agreements: Develop content and recommendations for the State GIS Officer with input from local and State government. **Completion date: September 2007**

2. Develop/update a Statewide Data Integration Plan for recommendation for adoption by the State GIS Officer, including the items below*. **Completion date: November 2007**
 - a. Plans to integrate GIS data and framework data developed and maintained by different units of Federal, State, and local government into statewide coverage of framework data.
 - b. Details for:
 - i. an inventory of existing data
 - ii. stakeholder data requirements
 - iii. identification of data stewards
 - iv. data standards and schema, costs, work flow, data transfer mechanisms, update frequency, and maintenance
 - v. identification of appropriate data sharing policies and mechanisms to facilitate intergovernmental data exchange, such as data exchange agreements.
3. Develop a data exchange pilot project with at least 10 counties, and integrate that local data into the IndianaMap.
 - a. Agreements: Execute data exchange agreements between 10 counties and the State GIS Officer. **Completion date: Contingent upon new funding**
 - b. Technical implementation: Develop a demonstration project providing Web Map Services for local government framework data. Combine up to 10 counties' data into "seamless" services for four framework data categories. **Completion date: Contingent upon new funding**
4. Meet all nine Coordination Criteria in the "State Model for Coordination of Geographic Information Technology" developed by NSGIC (National States' Geographic Information Council). **Completion date: Contingent upon funding**
5. Provide project development, coordination, and management services for statewide framework data development and integration.* **Completion date: Contingent upon new funding**

2. IGIC's corporate activities will be managed in a professional and accountable manner

1. Build staffing levels in a sustainable manner consistent with the needs of the organization and funding levels. Up to three additional staff may be hired for 1.) outreach/marketing, 2.) framework project management, and 3.) cartographic/product development. **Completion date: December 2009**
2. Provide concrete, identifiable benefits to members. **Completion date: Ongoing**
3. Sustain 5 corporate and 20 institutional members annually. **Completion date: Annually**
4. Build and maintain a 1-year operating reserve. **Completion date: December 2009**

3. IGIC will promote dissemination of data and data products

1. Maintain the IndianaMap Data Library, and develop instructions for registering data and GIS websites. **Completion date: December 2007**
2. Maintain the IndianaMap Viewer, and maintain and expand the IndianaMap Framework Web Map Services.
 - a. Maintain Framework Web Map Services in partnership with Indiana Geological Survey. **Completion date: Ongoing through 2008**
 - b. Expand functionality to Web Feature Services. **Completion date: Contingent upon new funding**
3. Develop and maintain public access to GIS data and framework data in locations throughout Indiana.* **Completion date: Ongoing**
4. Update Memorandum of Cooperation with the Indiana University – University Information Technology Services for cooperative dissemination of framework data. **Completion date: September 2007**

4. IGIC will nurture awareness and use of geographic information among the public and professionals through outreach and education

1. Develop a “GIS in Indiana” publication for a general audience that describes the IndianaMap and real-world GIS success stories from Indiana communities and organizations. **Completion date: January 2008**
2. In partnership with other organizations, IGIC will offer monthly educational events. **Completion date: Ongoing**
3. Develop and distribute five IndianaMap presentations based on IGIC’s driving issues. **Completion date: July 2007**
4. Manage a successful annual conference. **Completion date: Annually**
5. Develop a set of policy-maker information packets: marketing materials highlighting successful projects around the state, promoting understanding of GIS use and benefits. **Completion date: November 2007**

5. IGIC will develop and advise on standards, best practices and policy related to geographic information

1. Meet with key members of the Indiana legislature and State administration to build understanding of key technical and policy issues related to geographic information. **Completion date: Ongoing**
2. Develop consensus-based standards and recommendations for adoption by the State GIS Officer. Standards will promote interoperability and open use of data with various GIS software, applications, computer hardware, and computer operating systems.* **Completion date: December 2009**

6. IGIC will build partnerships that support and strengthen the Indiana GIS community

1. Maintain and/or develop memoranda of understanding with the following organizations: Indiana Geological Survey, Indiana State Library, Indiana University-University Information Technology Services, US Geological Survey, Coalition of Universities for Spatial Information Sciences. **Completion date: March 2008**
2. Work in partnership with State GIS Officer to accomplish goals as described in State Code. **Completion date: Ongoing**
3. Maintain IGIC as member of IndianaView. **Completion date: Ongoing**
4. Work as a cooperating agency with the Indiana State Data Center at the Indiana State Library.* **Completion date: Kickoff August 2007**
5. Maintain IGIC membership on the National States' Geographic Information Council; expand membership level from two individuals to full council membership. **Completion date: March 2008**
6. Continue working as Cooperating Group in partnership with the Federal Geographic Data Committee. **Completion date: Ongoing**
7. Engage the statewide university community with the Ramona GIS data inventory and directory. **Completion date:**