



2011-2013 Strategic Plan

December 8, 2011

Introduction

The Indiana Geographic Information Council's (IGIC) 2011-2013 Strategic Plan establishes a path of action to meet opportunities and challenges of applying geographic information systems (GIS) in Indiana. This multiyear plan requires broad engagement of the IGIC membership and our key partners to achieve its ambitious objectives. Implementing this plan will ensure that IGIC is visionary, realistic, and relevant to the mission of coordinating GIS in Indiana. The following document maps out specific objectives for IGIC and how to achieve each goal.

Mission

It is our mission to lead the effective application of geographic information in Indiana through coordinating, advocating, funding, disseminating data, promoting education and outreach, adopting standards, building partnerships, and creating programs such as the IndianaMap.

Vision

It is our vision to provide a modern, accurate, documented, and accessible geospatial information infrastructure for all of Indiana.

Goals & Objectives

To accomplish its goals, IGIC has established the following objectives that are clear and concise, attainable and measurable:

1. IGIC will work to attain permanent base-level funding to directly support GIS for Indiana.
2. IGIC will help provide and maintain pervasive and free access to Indiana's geospatial resources through leading-edge technology provided by the IndianaMap at the Indiana Geological Survey (IGS), the Indiana Spatial Data Portal at Indiana University-University Information Technology Services (UITS), and others.
3. IGIC will work with the Indiana Geographic Information Office as defined by IC 4-23-7.3 to develop and advise on standards, interoperability strategies, a data integration plan, and policy related to geographic information.
4. IGIC will help coordinate and lead local, regional, and statewide projects and programs for the development and dissemination of geospatial data on the IndianaMap.
5. IGIC will build partnerships to support and strengthen the Indiana GIS community.
6. IGIC will educate decision makers and the public in the value of Indiana's investment in geospatial data and technology.
7. IGIC will grow membership by providing educational and networking opportunities, expanding member benefits, and providing corporate activities.
8. IGIC's corporate activities will be managed in a professional and accountable manner.

Goals & Objectives Details

1. IGIC will work to attain permanent base-level funding to directly support GIS for Indiana.
 - a. IGIC will strive to attain permanent base-level funding for:
 - IGIC staffing and IndianaMap program operations
 - Local government GIS development, maintenance, and data sharing
 - Indiana Geological Survey IndianaMap staffing and hardware/software upgrades and maintenance
 - Indiana University-University Information Technology Services IndianaMap staffing and hardware/software upgrades and maintenance
 - b. IGIC will support the design of programs and funding to address the development and stewardship of Statewide Framework Data (listed alphabetically):
 - Broadband availability mapping
 - Elevation data (LiDAR)
 - Height modernization for geodetic positioning
 - Jurisdictional boundaries
 - Local-resolution national hydrography data
 - Orthophotography
 - Parcels
 - Point addresses
 - Road centerlines
 - Structures (critical infrastructure)
2. IGIC will help provide and maintain pervasive and free access to Indiana's geospatial resources through leading-edge technology provided by the IndianaMap at IGS and the Indiana Spatial Data Portal at UITS, and others.
 - a. Work with our partners to improve our tools and capabilities:
 - IGS
 - UITS
 - SDSC – OpenTopography
 - b. Work with other users and distributors to help ensure availability and access to our authoritative IndianaMap data:
 - Google - Maps/Earth
 - Microsoft – Bing
 - Esri - ArcGIS.com & Community Base Maps
 - USGS - The National Map, Data.gov, CLICK, etc.
 - Other federal agencies - NRCS, EPA, etc.
 - NSGIC – Ramona GIS Inventory
 - Community/Open Source Data Providers - OpenStreetMaps, OpenAddresses.org, etc.
 - Commercial data providers – NAVTEQ, etc.
3. IGIC will work with the Indiana Geographic Information Office as defined by IC 4-23-7.3 to develop and advise on standards, interoperability strategies, a data integration plan, and policy related to geographic information.
 - a. IGIC will work with Indiana's Geographic Information Officer (GIO) to define and develop a formal set of data integration plan documents for submission to the Indiana Geographic Information Office.

-
- b. IGIC will actively implement the strategies and components of the data integration plan through our regular committee, workgroup and project grant activities.
4. IGIC will help coordinate and lead local, regional, and statewide projects and programs for the development and dissemination of geospatial data on the IndianaMap.
 - a. Data Inventory—IGIC will actively work with data stakeholders and data stewards across Indiana to identify, document and maintain Indiana's geospatial asset inventory on the NSGIC GIS Inventory (Ramona) and Data.gov.
 - b. Data Development—IGIC will continue to actively pursue project/grant opportunities through federal, state, local, and private partnerships to maintain and advance the IndianaMap.
 - c. Data Stewardship—Work with data providers to ensure the timeliness and quality of data. IGIC will provide project development, project coordination/management, quality control/quality assurance, and data distribution support for statewide framework data development and maintenance.
 - d. Data Distribution—IGIC will develop and maintain the www.indianamap.org Web site integrated with our IndianaMap partners' Web services to be the trusted source of authoritative geospatial data in Indiana.
 5. IGIC will build partnerships to support and strengthen the Indiana GIS community.
 - a. Maintain and expand partnerships with the following organizations:
 - Indiana Geological Survey
 - Indiana University - University Information Technology Services
 - U.S. Geological Survey (USGS)
 - U.S. Department of Agriculture – Natural Resource Conservation Service (NRCS)
 - Indiana state agencies (IOT, INDOT, IDEM, IDHS, INDNR, IDOH, IDOA, ISDC, etc.)
 - Indiana Society of Professional Land Surveyors
 - Coalition of Universities for Spatial Information Sciences
 - IndianaView at Purdue University
 - The University of Notre Dame, Center for Research Computing - Geospatial Analysis Laboratory
 - b. Work to establish more formal partnerships with the following:
 - Indiana Underground Plant Protection Services - Indiana811
 - Indiana Association of Cities and Towns
 - Association of Indiana Counties
 - Indiana's County Surveyors Association
 - Indiana Economic Development Corporation
 - Indiana Economic Development Association
 - c. Maintain IGIC membership and active involvement with the National States' Geographic Information Council.
 6. IGIC will educate decision makers and the public in the value of Indiana's investment in geospatial data and technology.
 - a. IGIC will meet with local elected officials, and members of the Indiana legislature and state administration to build an understanding of the benefits and key technical and policy issues related to the development of the IndianaMap and local and statewide geospatial information.
-

- b. IGIC will disseminate information (IGIC News-blog, Excellence in GIS stories, IGIC's Guide for Elected Officials, IndianaMap News – Return On Investment updates, etc.).
 - c. Continue to work with and support the Boy Scouts, the Indiana State Fair, and others to help advance public awareness of IGIC.
7. IGIC will grow membership by providing educational and networking opportunities, expanding member benefits, and providing corporate activities.
- a. IGIC will develop and manage an annual Indiana GIS conference.
 - b. IGIC will offer monthly educational events.
 - c. Develop and maintain new/improved members-only Web content, collaboration tools, and social networking communication tools.
 - d. Increase and enhance IGIC membership through fundraising events that introduce IGIC and mapping principles to new audiences and potential new members.
8. IGIC's corporate activities will be managed in a professional and accountable manner.
- a. IGIC's Executive Director is responsible to manage all corporate activities. The Executive Director will work directly with the Executive Committee as defined in the IGIC bylaws and the Executive Directors employment contract.
 - b. IGIC will strive to build and maintain a 1-year operating cash reserve (\$150,000.00).

- END OF DOCUMENT -