



The Illinois Statewide GIS Initiative will provide the vision for GIS leadership, coordination and services to public and private entities that serve the citizens of Illinois.

STRATEGIC ISSUES & ACTION ITEMS

		2008- 2009	2010	2011 +
<p>GOVERNANCE</p> <p><i>An overall structure of an oversight body (ILGIC?) that sets priorities and standards supported by a tactical agency that implements the GIS initiatives is envisioned. The appointment of an Illinois GIO (Geographical Information Officer) will provide a focal point for coordination between the two units and with stakeholders throughout the state.</i></p>	<ol style="list-style-type: none"> 1. Oversight Body 2. GIS Leadership 3. Implementation Unit 4. Illinois GIO 	<ul style="list-style-type: none"> Define the overall vision for GIS in Illinois. Define a variety of scenarios for both a non-profit and a state-sponsored organizational model. Define org model & overall roles and responsibilities for Oversight Body, Implementation Unit, and GIO. Define the structure of council seats to provide representation for multiple levels of government. Form an interim group that will drive planning and implementation prior to establishment of formal council. 	<ul style="list-style-type: none"> Research need for Executive Order versus Legislation Identify and obtain agreement for a supporting administrative organization. Develop a detailed business plan that targets how the GIS initiative can address critical priorities within the state in general. Obtain support from the Governor's office and General Assembly for new organization (if state based). 	<ul style="list-style-type: none"> Obtain staff through hiring, transfers, and outsourcing. Implement logistics of physical space, support, and infrastructure. Implement reporting and management structure. Publish annual report on both financials and accomplishments.
<p>FUNDING</p> <p><i>Achieving long term goals depends on establishing a sustainable funding source. The primary source could be the State of Illinois budget. Reorganization of existing GIS personnel can make this a flat adjustment initially. Further sources through subscriptions, services, and grants will be explored in the Business Plan.</i></p>	<ol style="list-style-type: none"> 1. Sustainable Funding 2. Prioritized Project Spending 3. Accountability 	<ul style="list-style-type: none"> Review funding models of similar structures in Illinois and other states. Conduct a statewide survey to document the level of infrastructure, capabilities, and funding at municipal, county, and state organizations. Define a revenue model that considers multiple sources Identify 5-year staffing and technology infrastructure costs and needs Review best practice models from other states. Develop a realistic estimate of specific grant mechanisms and federal match programs. Estimate potential revenues over five years. 	<ul style="list-style-type: none"> Solicit donations of funds and "services in kind" for infrastructure and administrative support during interim period. Review private partnership opportunities for revenue or bartering. Develop standard policies for the data sharing and data sales in the state of Illinois. Identify a project governance process for monitoring the project of any approved initiative. Identify key operational concerns or goals of both state and local government stakeholders that could benefit from GIS technology. 	<ul style="list-style-type: none"> Define a program of "seed money" grants for groups proposing an initiative that they would implement directly. Create small work group to evaluate the return on investment and potential benefits from proposed initiatives. Propose and obtain ILGIC board approval for a set of criteria for measuring the value of a proposal. Revisit these criteria on an annual basis. Publish the criteria. Document a Return on Investment model for prioritizing and measuring initiatives.

		2008- 2009	2010	2011 +	
DATA & SERVICES <i>GIS technology is data centric. To ensure that decisions are made on the best information available, standards for data quality and sharing need to be established. Services to facilitate access to this data include database tools, websites, geocoding services, and common web services.</i>	1. Standards	<ul style="list-style-type: none"> Define scope of services related to data stewardship, application development, hosting, analysis, and other potential services. 	<ul style="list-style-type: none"> Develop initial draft of standards based on needs and best practices. 	<ul style="list-style-type: none"> Fund project to align the boundaries of priority data from adjacent jurisdictions. 	
	2. Quality		<ul style="list-style-type: none"> Establish minimum level of standards that should be applied to any data stored in the clearinghouse. 	<ul style="list-style-type: none"> Target grants for data development projects that will fill gaps in priority layers. 	
	3. Access		<ul style="list-style-type: none"> Form volunteer groups to work on surveys, standards and inventories. 	<ul style="list-style-type: none"> Absorb the maintenance of the Illinois NSDI Clearinghouse. 	<ul style="list-style-type: none"> Identify methods for both physical data housing and virtual data redirects.
	4. GIS Services	<ul style="list-style-type: none"> Document different needs at municipal, county, state, and utility levels. Survey stakeholders to identify data needs and existing standards and discrepancies. Publish downloadable best practice data model templates with corresponding data editor tools. Develop models for data sharing, server sharing, and services sharing agreements. Propose a strategy to both reward open sharing, and restrict services for non-sharing jurisdictions. 	<ul style="list-style-type: none"> Identify potential private/public data partnerships. Define technology skills for both development and ongoing maintenance. Identify owner restrictions on core base data. Define web applications / tools to convert existing layers to standard exchange formats. Create an easy method to allow data owners to document and upload data. Develop a "Map Illinois" interactive website and portal for data, standards, etc. 	<ul style="list-style-type: none"> Define a model for data, development, and hosting services for smaller jurisdictions. Provide standard web services for geocoding. 	

		2008- 2009	2010	2011 +
COMMUNICATION & OUTREACH <i>In order to build the support needed to have this strategic plan accepted by the State of Illinois, educational and marketing efforts need to increase the awareness of GIS and how it can provide value in Illinois.</i>	1. Build Political Support	<ul style="list-style-type: none"> Develop a "road show" executive presentation that demonstrates the power of GIS and articulates the business case for greater statewide coordination. 	<ul style="list-style-type: none"> Lobby and educate key influence leaders in the legislature and governor's office. 	<ul style="list-style-type: none"> Launch an information portal for the marketing initiative that incorporates some GIS showcase technology.
	2. Increase GIS Awareness		<ul style="list-style-type: none"> Identify Local Government officials that can be champions from the County and Municipality perspectives. 	<ul style="list-style-type: none"> Include Conferences, paper deadlines, educational opportunities, and association links on the website.
	3. Showcase Best Practices	<ul style="list-style-type: none"> Develop and distribute public relations materials 	<ul style="list-style-type: none"> Collect and publish best GIS practices in Illinois. 	
	4. Promote GIS Careers	<ul style="list-style-type: none"> Target presentations and relationships with CMS, IDOT, DNR, IDPH, SOS, and first responder agencies. 	<ul style="list-style-type: none"> Meet among the professional groups and associations to promote cooperation and unify efforts throughout the state. 	
	5. Promote GIS Education			