

# GIS Committee Meeting

*presented to*  
**Model Task Force – GIS Committee**

*presented by*  
**Nellie D Fernandez, MTF GIS Chair**

December 5-7, 2012



## Agenda

- Introduction
- Presentation on MIXS Project, Dr. Ilir Bejleri, University of Florida
- MTF Strategic Plan – Draft Scope of Work
  - Vision
  - Needs
  - Objectives
- Discussion on MTF GIS Committee Mission – Resolution
- Open Discussion
- Adjourn



## MTF GIS Strategic Plan Development



- A Strategic Plan will help drive our plans for the entire State by articulating basic concepts of a vision, mission, goals, objectives and activities.



## Guidelines



FGDC (Federal Geographic Data Committee) developed the Strategic and Business Plan Guidelines that include major section headings with key information and a series of questions that should be considered.

Our planning team will **determine which questions are applicable for our own activities** and use the answers to these questions to **help draft an effective plan.**

Using the FGDC Guidelines will help us navigate through the entire process of preparing high quality and effective strategic and business plans.



# Strategic & Business Plan Guidelines



Advancing Statewide Spatial Data Infrastructures in Support of the National Spatial Data Infrastructure (NSDI)

## Strategic Plan Guidelines

For use by all stakeholders in the Geospatial Community



Produced for the Federal Geographic Data Committee (FGDC) to Support the Cooperative Agreements Program (CAP), Category 3: Fifty States Initiative

Revised: May 2009



Advancing Statewide Spatial Data Infrastructures in Support of the National Spatial Data Infrastructure (NSDI)

## Strategic Planning Process Map

by all Stakeholders in the Geospatial Community



Produced for the Federal Geographic Data Committee to Support the Cooperative Agreements Program (CAP), Category 3: Fifty States Initiative

Revised: May 2009



Advancing Statewide Spatial Data Infrastructures in Support of the National Spatial Data Infrastructure (NSDI)

## Business Plan Guidelines

by all stakeholders in the Geospatial Community



Produced for the Federal Geographic Data Committee to Support the Cooperative Agreements Program (CAP), Category 3: Fifty States Initiative

Revised: May 2009

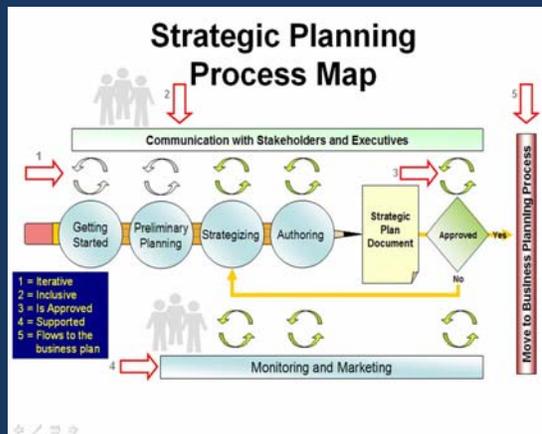




# Strategic Planning Process



- This figure shows the five phases of creating a strategic plan and managing the process. A feedback loop ensures that progress towards achieving plan goals is being monitored and that appropriate strategy adjustments are made to account for changing conditions.



## Strategic Plan Critical Steps



- Assess our needs and resources;
- Defines use and a set of goals and objectives;
- Plans and designs coordinated strategies with evidence of success;

**These critical steps logically connect strategies to needs, assets, and desired outcomes; and measures and evaluates the process and outcomes.**

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## Vision and Needs



- Create a Vision Statement
- Assess our Needs

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## Revisiting our Existing MTF GIS Committee Objectives



1. To support research and development of GIS data, software, and applications that facilitate or improve the modeling process.
2. To review GIS technological advancements to identify potential solutions for improving existing GIS tools within the modeling community.
3. To disseminate information on recent GIS developments to the modeling community.
4. To recommend improvements to existing or upcoming GIS technologies to meet the modeling community needs.
5. To promote training in and sharing of GIS resources and innovations among the modeling community members.
6. To work cooperatively with national, state and local organizations to ensure the GIS technology is applied at its best within the modeling community.

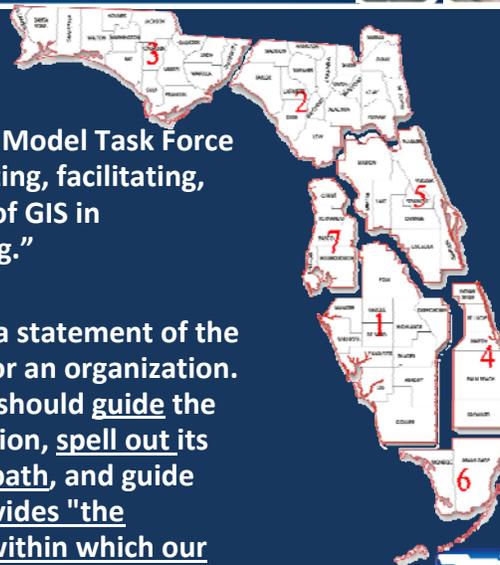
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## Mission Statement



- "To support the Florida Model Task Force in evaluating, coordinating, facilitating, and improving the use of GIS in transportation modeling."
- A mission statement is a statement of the purpose of a company or an organization. The mission statement should guide the actions of the organization, spell out its overall goal, provide a path, and guide decision-making. It provides "the framework or context within which our organization's strategies are formulated."



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## Resolution:



### MTF GIS Committee Resolution – December 5-7, 2012

The Transportation Modeling Community depends on data. The majority of our data is location-based (geographic information systems). There is a great understanding and acceptance that Geographic Information Systems (GIS) are a proven technology that has become the foundation of Transportation Modeling. The following resolution will provide the building blocks to help us develop a road map that is critical for us to develop and manage existing & future GIS related data for the modeling community.

The Model Task Force (MTF) GIS Committee's (GIS Committee) Mission Statement continues to be: "To support the Florida Model Task Force in evaluating, coordinating, facilitating and improving the use of GIS in transportation Modeling." One of our six objectives is to review GIS technological advancements that identify potential solutions for improving existing GIS tools within the Modeling Community. It appears that the GIS Committee has shifted into the primary role of tool development. To better serve the modeling community, we would like to support all of our objectives as a whole. The following resolution provides us with this opportunity helping us build on the partnerships necessary when working together on common goals:

**Resolution:** The Model Task Force GIS Committee shall be recognized, and serve as the official review and oversight group for all MTF Committee and Subcommittee GIS and Visualization projects provided and funded through FDOT Central Office.

This resolution emphasizes the desire and need for the GIS Committee to assume a more direct role in project participation for all GIS Projects within the MTF Committees & Subcommittees. Being afforded this opportunity will allow the GIS Committee to review and evaluate MTF project efforts from conception to completion. This involvement will help to ensure that any GIS component being developed will fully benefit the project, assuring maximum effectiveness when implemented.

We also welcome the opportunity to coordinate all MTF efforts with all other state and local government projects associated with transportation modeling. Coordinating all efforts will help foster awareness that in-turn creates synergy among projects.

Adoption of this resolution will solidify and support all of the MTF GIS Committee objectives noted below:

1. To support research and development of GIS data, software, and applications that facilitates or improves the modeling process.
2. To review GIS technological advancements to identify potential solutions for improving existing GIS tools within the modeling community.
3. To disseminate information on recent GIS developments to the modeling community.
4. To recommend improvements to existing or upcoming GIS technologies to meet the modeling community needs.
5. To promote training in and sharing of GIS resources and innovations among the modeling community members.
6. To work cooperatively with national, state and local organizations to ensure the GIS technology is applied at its best within the modeling community.

Nellie D Fernandez, MTF GIS Committee Chair



## Proposed Resolution...



- The Model Task Force GIS Committee shall be recognized, and serve as the official review and oversight group for all MTF Committee and Subcommittee GIS and Visualization projects provided and funded through FDOT Central Office.



# Questions & Comments

