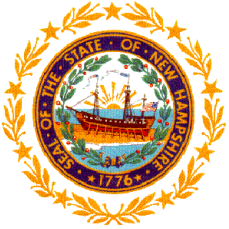


# NH Geographic Information System (GIS) Committee

Established under HB377

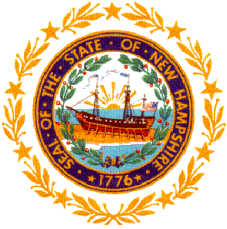


# HB 377 NH GIS Committee

Authorized under RSA 4-F

The committee shall:

- **Review** – the use, development, and coordination of geospatial data & resources by state agencies and municipal governments.
- **Consider** – the need for central coordination, storage, and distribution of such data & resources, and suggest appropriate responses
- **Advise** – on GIS needs at public & semi-public agencies; identify avenues where legislation may further efficiencies through enhanced cooperation.



# GIS Technical Advisory Committee

## Gap Analysis

### Outputs:

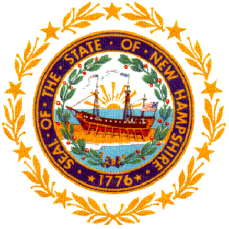
Identify gaps in practice and organization between:

- Guiding principles (future state) and
- Where the state is now (current state).

### Outcomes:

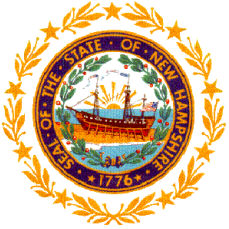
Inform the GIS Committee on policy recommendations to the legislature that:

- Define future horizon 3-5 years.
- Identify level of effort and resources.
- Develop plan/matrix (based on working group of 4-5 people)
- Define actions that promote the benefits of supporting GIS collaboration.



# Gap Analysis Working Group

- Catherine Callahan, NH DOIT/NH Fish and Game Department
- Glenn Davison, NH Department of Transportation
- Ken Gallagher, NH Office of Energy and Planning
- Sean Goodwin, NH Department of Safety
- Hamilton McLean, NH Department of Environmental Services
- Fay Rubin, University of New Hampshire
- Tim Scott, NH Department of Safety
- Sara Siskavich, Nashua Regional Planning Commission



# GIS Technical Advisory Committee

## GAP Analysis Process

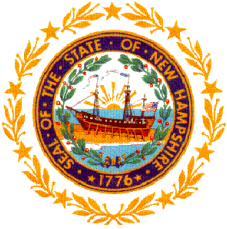
**Documentation of Recent Strengths and Weaknesses, Opportunities and Challenges**

**Detailed Assessment of Progress since the GIS Strategic Plan (ca 2007)**

**Major strategic ideas were organized and analyzed into an Implementation Table, a matrix of**

- ✓ Strategic Goals
- ✓ Potential Actions (with explanatory examples)
- ✓ Major Benefits
- ✓ Implementation Details
- ✓ Alignment with Committee's Guiding Principles

**Overarching Recommendation: GIS Action Plan Needed**



# GIS Technical Advisory Committee

## Recommendation

The GTAC proposes that a formal subcommittee of the GTAC be established to prepare a two-year Action Plan

### Outputs

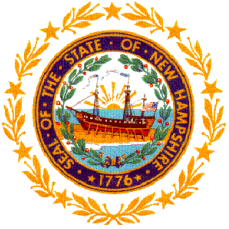
A sequence of steps that must be taken, or activities that must be performed effectively, for a strategy to succeed

Three major components areas:

- Specific tasks that will be completed and by whom
- Time horizon when tasks will be completed
- Capital and human resources needed for specific activities to be completed

### Recommended Action

GIS Committee adopts GTAC recommendations and commits resources to support the Strategies identified below

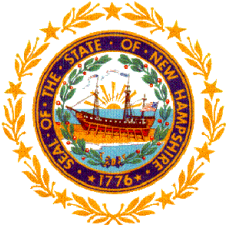


# STRATEGY #1

## **Develop and maintain NH statewide base map and derivative data products**

### **Objectives –**

1. Develop a statewide data acquisition plan for updates to base map
2. Recommend a formalized protocol for simple data collection and aggregation
  1. This is not a one size fits all
  2. Some agencies have very specific data requirements and models



## STRATEGY #2

### **Designate an official state GIS clearinghouse for curated, public-facing GIS data.**

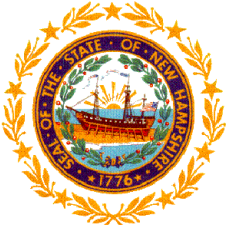
#### **Objectives –**

1. Identify the best solution for a state GIS clearing house to promote common awareness of & accessibility to enterprise GIS data sets
2. Research & promote task & cost-appropriate analytical tools
3. Increase outreach to state, regional, local governments & private stakeholders

#### **Areas of Further Exploration-**

1. Identify common GIS presentation tools & platform availability
  1. Common GIS presentation tools and platforms are already in existence through the statewide master purchase agreement with ESRI
  2. Areas of training opportunities should be explored to take full advantage of the platforms



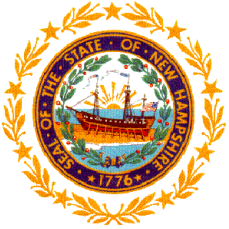


## STRATEGY #3

### GIS technology is available to all state agencies

#### Objectives –

1. Develop best practice guidelines for data collection, storage, & management
  1. Identify a common way to locate geospatial features of interest
  2. We believe latitude, longitude in decimal degree format is sufficient to reference all datasets including the use of the USNG
2. Identify software & managerial solutions
3. Consider existing industry standards and apply when possible
  1. Latitude, Longitude

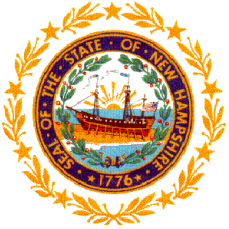


## STRATEGY #4

### **Enhance statewide GIS governance and policies to guide best practices**

#### **Objectives –**

1. Renew GTAC charge and outreach plan
  1. This should be directed by the GIS Committee
2. Elucidate uniform legal guidance with respect to GIS and NH public records law



# Summary of Recommendations: Two-Year GIS Action Plan

## Outputs

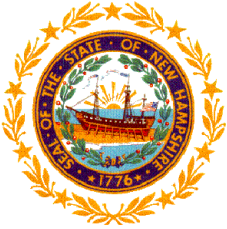
1. A sequence of steps or activities that must be taken to support the respective strategy with three major components:
  - Specific tasks & by whom
  - Time horizon
  - Capital & human resources needed

## Recommended Actions

1. GIS Committee adopts GTAC recommendations and commits resources to support the Strategies 1-4
2. GIS Committee directs GTAC to achieve Strategy 1 first due to the budgetary timeline and broad support and need of these data sets and success of completion
3. Reports to Legislature as required on the Action Plan progress

## Resource requirements

1. Assigned point of contact for overall coordination of each strategy
2. GTAC working group or outside resources
3. Availability of agency staff resources or funding of outside resources



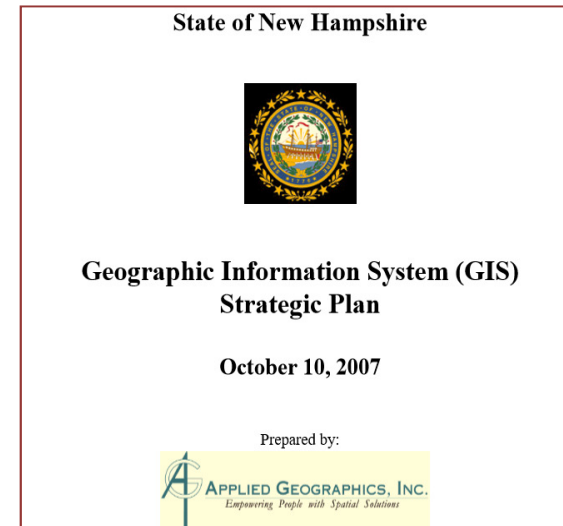
# Questions ?

NH GIS Strategic Plan (2007)

<https://www.nh.gov/oep/planning/services/gis/documents/strategic-plan.pdf>

GIS Technical Advisory Committee  
Gap Analysis

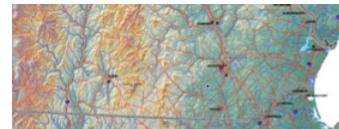
<https://www.nh.gov/doit/gis-committee/index.htm>



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<http://granit.unh.edu/>

<http://granitviewii.unh.edu/>



WELCOME to **NH GRANIT**  
NEW HAMPSHIRE'S STATEWIDE GIS CLEARINGHOUSE

