# NSGIC VALUE OF A GIO

### A Geographic Information Officer (GIO) is a critical position in state government:

- Promotes efficient and transparent government through geospatial technology applications
- Maximizes the value of spatial data through data sharing
- Leverages accessible public data to expand economic investments and growth
- Serves as an advocate to local governments and state agencies to integrate geospatial technology into their business practices
- Consults on geospatial web applications and apps that will bring benefit to state agencies and their constituents
- Acts as a portal for professional communications related to geospatial technology
- Can legally enter into grants, MOUs, and contracts to save money on geospatial procurements
- Can do the same thing using a variety of titles (e.g. GIS Coordinator, Geospatial Manager)
- No other senior member of State Government studies a map of your state more than a GIO

## GIS HAPPENS AT ALL LEVELS OF GOVERNMENT



#### LOCAL

Authoritative source for addresses, jurisdictional boundaries and local roads; provides web-based applications to deliver & improve government services



### **STATE**

Authoritative source for resource data: aggregates local data to build statewide datasets



#### **FEDERAL**

Aggregates state data into national datasets; provides funding assistance for geospatial technology and data

### GIS IN THE PRIVATE SECTOR



PERSONAL **NAVIGATION** 



**PACKAGE DELIVERY** 



**ENVIRONMENTAL CONSULTING** 



RESEARCH



**TRANSPORTATION PLANNING** 

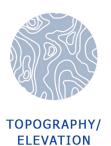


**ECONOMIC DEVELOPMENT** 



**MARKETING** 

## FOUNDATIONAL DATA ASSETS











**CADASTRAL** 

**IMAGERY** 

HYDROLOGIC FEATURES

# **GIS TECHNOLOGY**

Improves efficiency in delivery of government services

Identifies gaps in key services

Enhances public safety

Augments data analytics through visualizing spatial patterns

Enhances better decision-making

Improves management of natural resources

Supports planning and implementation of transportation projects

## STATEWIDE GIS COORDINATION IS GOOD GOVERNMENT

Reduces duplication of efforts

Accesses and maintains foundational data layers

Ensures access to public data layers

Leverages economy of scale for products, software and services

Augments the knowledge base of professionals in the field

Establishes standards and best practices through collaborative processes

SUPPORT STATUTORY AUTHORITY AND STABLE FUNDING FOR A GIO POSITION IN YOUR STATE TO SUPPORT EFFICIENCY, INTEGRATION, AND SMART DECISION-MAKING.

