

# 7 STATE GOVERNMENT GIS INNOVATORS

Imagine being able to visualize your data so you could see the impacts of potential policies and decisions. You could bring to life information that has typically been one dimensional, and place data into a geographic context, giving you the ability to see patterns and trends you had not seen before. By incorporating maps into your decision-making, you are better equipped to craft policies that do the most public good; you are able to improve communication with your constituents; and increase collaboration within your organization. Hear how seven of your peers have used GIS to improve their policy making, service delivery, and collaboration within the organization.

## 9 Core Policy Areas of State Governments

What are some of the key focus areas for state governments? Every state is different, but here's a quick list. Within each, GIS plays a critical role in visualizing, standardizing and connecting users to data. Our case studies below dive deeper into these focus areas for government.



AGRICULTURE



ECONOMY



EDUCATION



ELECTIONS



ENERGY



ENVIRONMENT



HEALTH & HUMAN SERVICES



PUBLIC SAFETY



TRANSPORTATION

## LOUISIANA

**LouisianaMAP provides many GIS features that serve as Louisiana's clearinghouse for maps and spatial data, enabling the state to make improved data-driven decisions.**

- » LouisianaMap provides ready-to-use GIS services and features that are accessed through web browsers, thin-clients or desktop GIS.
- » Users can download maps on the highway, legislation districts, parishes and historical maps.
- » Louisiana is planning on upgrading services and providing more data, maps and GIS services to even better empower users across the state.

## SOUTH CAROLINA

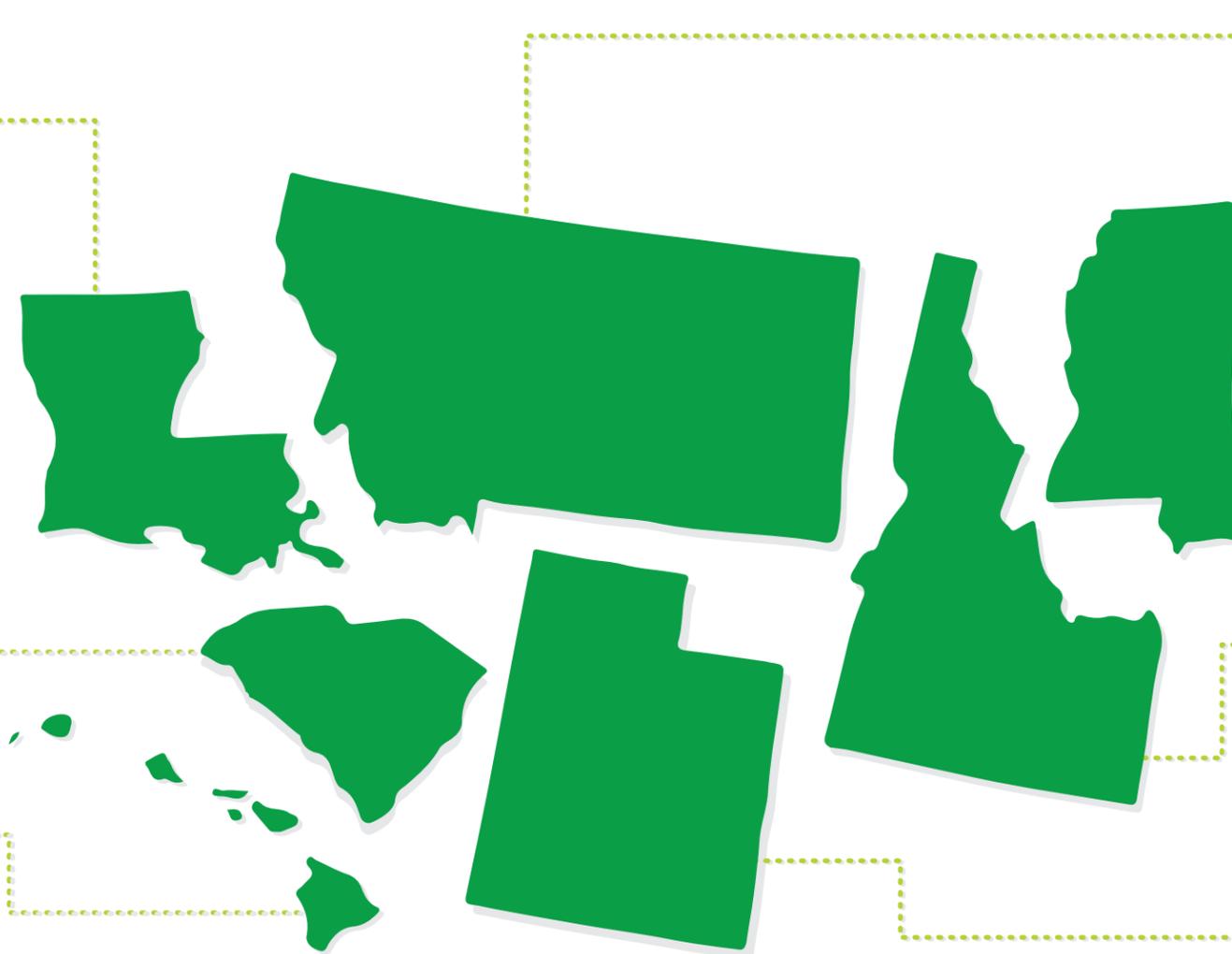
**The Department of Health and Environmental Control (DHEC) is one of the largest agencies in the state of South Carolina, and is leveraging GIS to transform its operations.**

- » DHEC has 3,500 employees and is responsible for everything from watershed issues, dock permits, recycling centers, to birth & death rates.
- » The state created the Health Department Finder, allowing citizens to find the closest health centers to them for services such as birth control, vaccines, & teen clinics.
- » The Environmental Public Notices web app allows users to obtain public notices about the environment in their community

## HAWAII

**Through the Renewable EnerGIS initiative, Hawaii is using GIS to connect with citizens and helping them learn more about renewable energy options in their community.**

- » Using Renewable EnerGIS, Hawaii citizens can find renewable energy resources specific to their location.
- » The hope is that the tool will help developers, citizens and policy makers understand the potential of renewable energy in Hawaii.
- » To use the site, no GIS skills are needed, so anyone can access the data and begin to make smart energy decisions.



## MONTANA

**There are over 20 maps in the Montana map gallery – everything from school district data to Census information.**

- » They have executive support, as the Montana CIO envisions GIS on all state employees' desks and the CTO is charged with making it happen.
- » Montana is leveraging Esri Maps for Office, a plugin for Microsoft Excel that allows ArcGIS Online users to create maps within their spreadsheets and share them in PowerPoints or online.
- » They also use ArcGIS Online, allowing organizations to create web-based maps and applications that can be shared within the organization and/or with constituents.

## MISSISSIPPI

**The Mississippi Geospatial Clearinghouse (MGC) helps provide access to spatial information and GIS resources to the citizens of Mississippi.**

- » MGC is where government, academics and the private sector can access comprehensive spatial information from the Mississippi government.
- » The project seeks to reduce the duplication of spatial data and improve the coordination, communication & standardization of GIS data across the state.
- » Anyone can download GIS data related to imagery, survey control, governmental boundaries, elevation, transportation, hydrography, property ownership, or the environment.

## IDAHO

**The State of Idaho GIS Office provides leadership & support for the statewide GIS community. The primary initiative in the state is the Idaho Map, explained below:**

- » The initiative is designed to improve statewide coordination and help leverage existing GIS investment.
- » It provides reliable access to GIS data and services across the state.
- » The Idaho Map major components include a base map data, technical infrastructure distributed on a federated model, network of people and organizations and universal applications.

## UTAH

**Tasked with managing everything from the Utah's roads, bridges, fences, guardrails and signs, the Utah Department of Transportation (UDOT) is using data to become more efficient.**

- » UDOT created an open data portal that is the clearinghouse for all public UDOT data.
- » It's helping the state quickly share data to citizens, business, & government employees.
- » Anyone can publicly access data on pavement, planning, projects, and traffic & safety.

CLICK EACH STATE TO VISIT THEIR GIS SITE

### SOURCES

<http://map.la.gov/>  
<http://www.scdhec.gov/>  
<http://energy.hawaii.gov/resources/renewable-energis-map>  
<http://mt.gov/mediagallery.aspx?activeTab=2>  
<http://www.gis.ms.gov/portal/home.aspx?x=1312&y=722&browser=Netscape>  
<http://udot.uplan.opendata.arcgis.com/>  
<http://gis.dhec.sc.gov/healthdepartmentfinder/>  
<http://gis.dhec.sc.gov/publicnotice/>  
[http://www.esri.com/software/arcgis/arcgisonline/apps/esri-maps-for-office?wt.mc\\_id=emailcampaign16880](http://www.esri.com/software/arcgis/arcgisonline/apps/esri-maps-for-office?wt.mc_id=emailcampaign16880)

## How Esri is Helping:

Esri's ArcGIS platform provides a common way to share data, improve workflows and facilitate better decision making across teams. ArcGIS has become a mission critical tool for state government agencies, with applications from everything on emergency readiness, environment, transportation and economic development. For more information, visit the ArcGIS Platform webpage.

