Building a Statewide GIS Portal for the State of Louisiana

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LSU-SDMI was awarded $750k grant from the Louisiana Division of Administration to map 9-1-1 Databases for rural parishes in Louisiana.

Project was eventually expanded by $250k to add additional databases and included the creation of a GIS database portal.
Establishing a Steering Committee

- Steering Committee members were handpicked
- Required three things:
  - Knowledgeable about GIS
  - Passionate about GIS
  - User Friendly
Design Concept

Statewide GIS Portal Initiative for Division of Administration

GIS Emphasis on
- Vector Data
- Raster Data
- Data for the Public
- Data for Emergencies
WordPress AGOL-Search Plugin

**WordPress Plugin**
- Dojo Dijit based on AGO JavaScript API
- Easy configuration, requires only AGO Portal URL, saves Portal ID to wp_config
WordPress AGOL-Search Plugin

WordPress Plugin
• Drag and Drop or Shortcode
• Select All Maps or Group
• Select Widget Type (Search or Slider)
WordPress AGOL-Search Plugin

Slider Widget
- AGOL items based on group
- Supports up to 100 items
- Ajax loading
- Smooth transitions based on OWL
  Touch enabled jQuery Carousel

Slider
Search widget
- Lists all public maps or specified groups from AGOL
- Search Text (Tags, Descriptions, Summary, Users)
- Spatial Search (User defined bounding box/extent)
WordPress AGOL-Search Plugin

Search maps...
• Search Tags, Descriptions, Summary, Users

Spatial search...
• Searches by extent (bounding box)