



Building a Statewide GIS Portal for the State of Louisiana

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Project Overview

- 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



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Stephenson National Center for
Security Research and Training

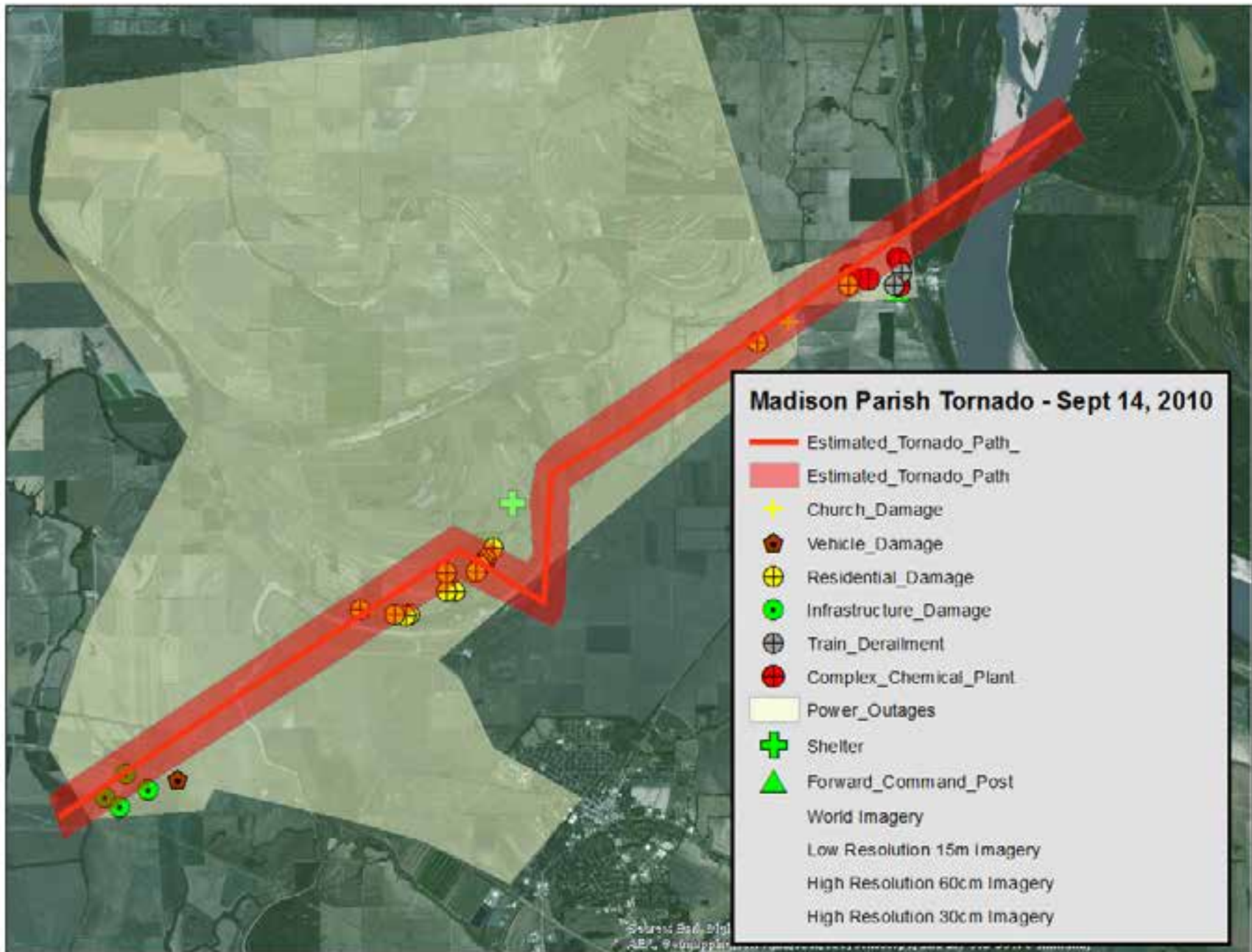
Design Concept



Statewide GIS Portal Initiative for Division of Administration

GIS Emphasis on

- Vector Data
- Raster Data
- Data for the Public
- Data for Emergencies





Nature Center
Lodging
Lodging
Lodging
Lodging
Boat Ramp
Picnic Area
Bathroom
Bathroom
Lodging
Lodging

Lake C

Padding

A story map   




gis.nwmissouri.edu

Apps WunderMap® | Inte...

List **Map** Media

SHOW TITLE



Esri, HERE, DeLorme... | esri



canals at the
into a small
lake Bruin



Entrance to Canals and End of Lake

St. Joseph

MISSOURI STATE PARK

Esri, HERE, DeLorme, TomTom, Ma... | esri



5 Entrance to Canal...
You will find two private
canals at the end of the
lake, leading into a small...

Private Landing

Public Boat Launch

Boat Ramp at Lake Bruin
State Park



Dredge Field



Entrance to Canals and End
of Lake



Lake Bruin Lodge, Store, and
Fish Tale Grill

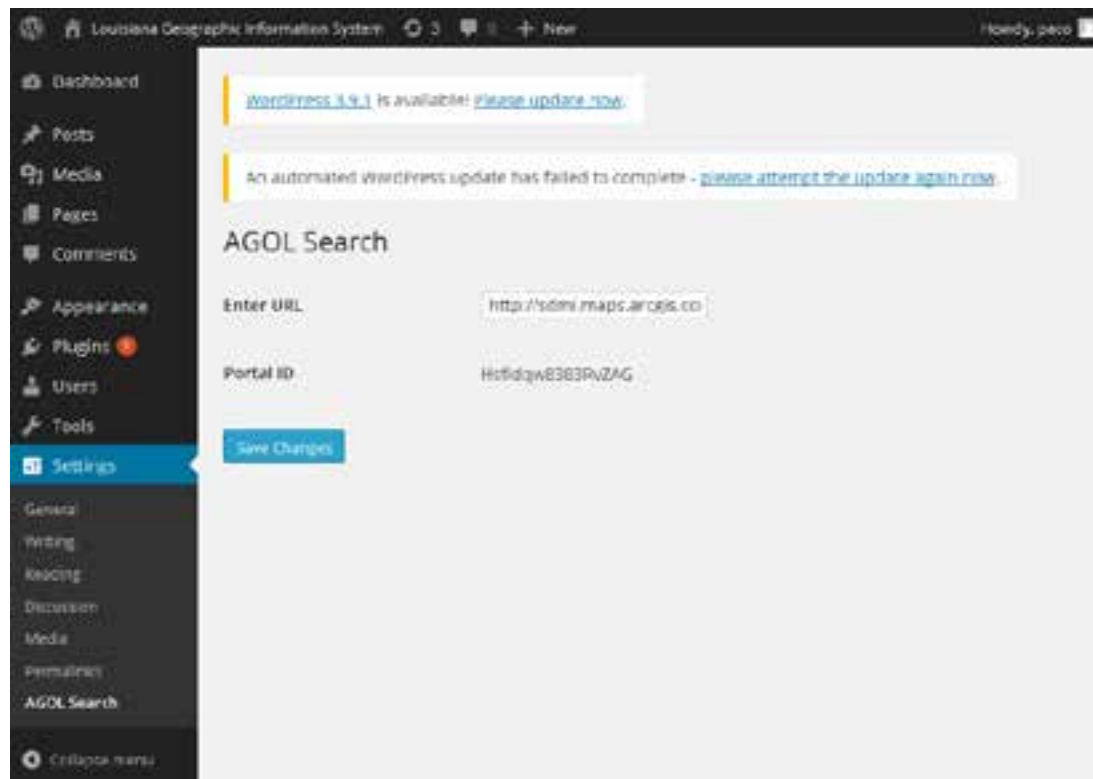


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WordPress AGOL-Search Plugin

WordPress Plugin

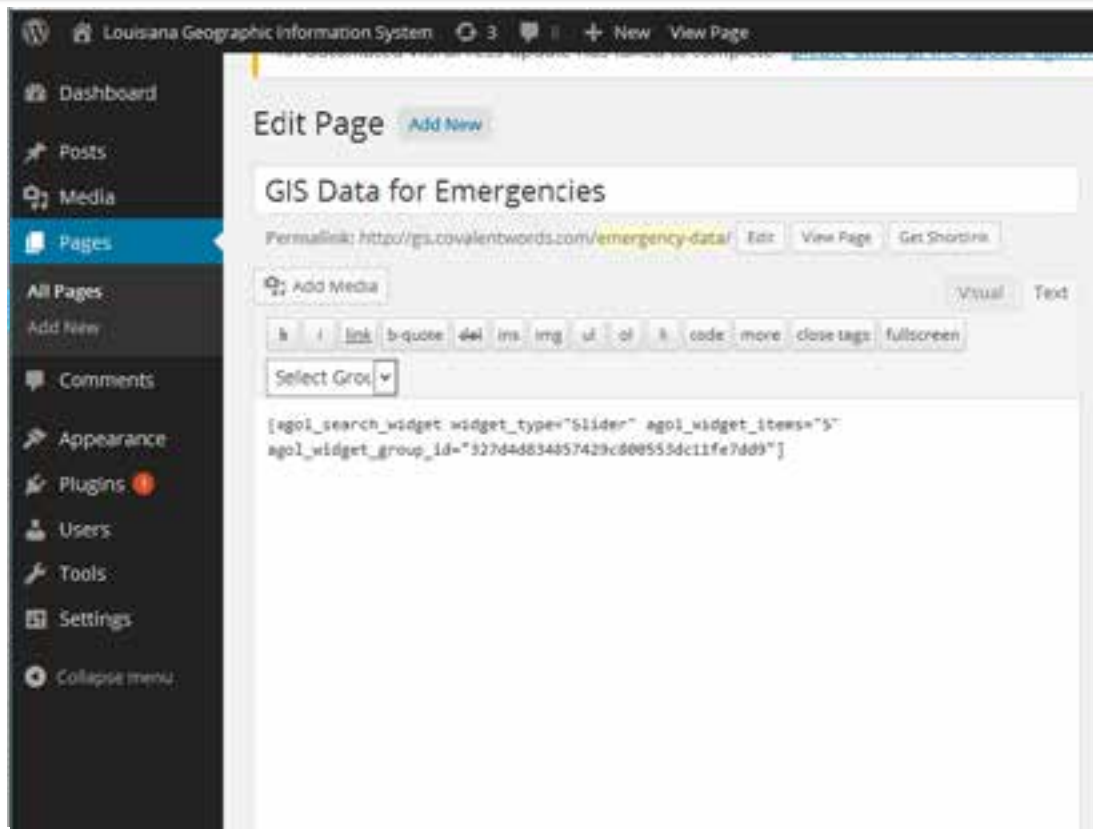
- Dojo Dijit based on AGO JavaScript API
- Easy configuration, requires only AGO Portal URL, saves Portal ID to wp_config



WordPress AGOL-Search Plugin

WordPress Plugin

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

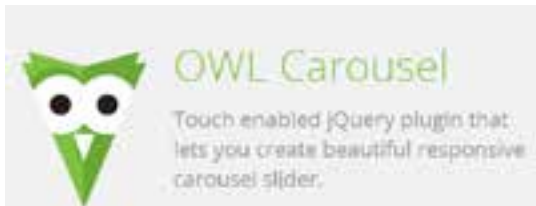


The screenshot shows the WordPress admin interface for editing a page titled "GIS Data for Emergencies". The left sidebar contains the WordPress dashboard menu, with "Pages" selected. The main content area shows the page title, a permalink, and a "Select Group" dropdown menu. Below the dropdown, a shortcode is displayed: `[ago1_search_widget widget_type="Slider" ago1_widget_items="5" ago1_widget_group_id="32764d834857429c800555dci1fe7dd9"]`. The interface includes standard WordPress editing tools like "Add Media", "Visual", "Text", and a rich text editor toolbar.

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



WordPress AGOL-Search Plugin

Search widget

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

The screenshot displays a search results page for geospatial data. The title is "All Public Geospatial Data". Below the title, there is a search bar with the text "Floodzones" and a search icon. To the right of the search bar, it says "(17) datasets". The results are listed in three rows, each with a thumbnail map and a text description.

Thumbnail	Dataset Name	Source	Average Rating	Downloads	Tags
	Acadia Parish Floodzones FEMA 1000	Source by: atm_sba, Last Modified: April 1, 2014	Average Rating: 0 (0 ratings, 12 downloads)	12	vector, sdm, louisiana, la, parish, LOGO, LAGC, floodzone, flood, zone, scada, FEMA, 1999
	Allen Parish Floodzones FEMA 1999	Source by: atm_sba, Last Modified: April 1, 2014	Average Rating: 0 (0 ratings, 3 downloads)	3	vector, sdm, louisiana, la, parish, LOGO, LAGC, floodzone, flood, zone, FEMA, 1999, allen
	Assumption Parish Floodzones FEMA 1000	Source by: atm_sba, Last Modified: April 1, 2014	Average Rating: 0 (0 ratings, 2 downloads)	2	vector, sdm, louisiana, la, parish, LOGO, LAGC, floodzone, flood, zone, FEMA, 1999, assumption

At the bottom of the page, there is a pagination control showing "Page 1 of 12" and a "Next" button.

WordPress AGOL-Search Plugin

Search maps...

- Search Tags, Descriptions, Summary, Users

Spatial search...

- Searches by extent (bounding box)

The image displays two screenshots of the WordPress AGOL-Search Plugin interface. The left screenshot shows a search for "Woodzones" with 11 datasets found. Below the search results, there is a "Filter by Location" section with a map of the Houston area. A yellow bounding box is drawn on the map, indicating a spatial search. The right screenshot shows a search for "Houston" with a map of the Houston area and a list of three datasets. Each dataset entry includes a thumbnail map, a title, and a description.

