

Background

NVWSC is using AGOL services and web apps on the public project web site Nevada Flood Chronology: http://nevada.usgs.gov/water/historic_floods/ which presents historic flood information on a basin basis. This small \$\$ project was started 2 years ago with a GISer who had web development experience limited to some familiarity with html and css and zero javascript. We have an IT Specialist with some web development experience who supported this project as well.

AGOL Specifics

There are 2 story map templates used on this site. Each template is “installed” at the root of the project web site allowing for the skinning to happen once for the entire project site. Each map is a web map in AGOL. The template (a series of html, css, and javascript files) presents these AGOL web maps as either a tabbed story or photo tour. The templates come with specific directions on how to use and customize:

1. Story Map Tabbed Viewer App (<http://storymaps.arcgis.com/en/app-list/tabbed-viewer/>) is used for each basin description page and presented as a tour through the basin from the headwaters to terminus. Example:
http://nevada.usgs.gov/water/historic_floods/Carson/basindesc.htm
2. Story Map Tour App (<http://storymaps.arcgis.com/en/app-list/map-tour/>) is used for each flood event with photos. Example:
http://nevada.usgs.gov/water/Historic_Floods/Carson/january_1997.htm

We wanted to begin learning javascript but had limited time. We opted to use AGOL to serve selected sites as a service and then used the ESRI Javascript API to put the sites on a map. Example: http://nevada.usgs.gov/water/Historic_Floods/Carson/hydrodata.cfm

All the web map apps are embedded using iframes.

What Now

The templates used are now a couple of years old, so in the next phase (adding a third basin) of the project we will be updating the templates. For example, the Story Map Tour now easily allows for photos AND videos to be embedded with the viewer. In addition, we are more literate with javascript and hoping to make the site maps more interactive.

Baby steps, but progress nonetheless!

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