

Open Discussion Topics

Imagery

Archiving

NAIP - Doesn't APFO archive already? Yes...Some little cost and wait time to process.

Strategies

- APFO
- EROS
- NRCS - Geospatial Data Gateway (redownload with authorized password)
- State Library
- Local NRCS office - (paying University to scan historical aerials) Stored at NRCS
- University (Library) (Research Data Service)
- Amazon Glacier - 4-6 hours lag time.

<https://aws.amazon.com/public-datasets/naip/>

Requester Pays. S3 Storage.

<https://aws.amazon.com/public-datasets/>

Cloud Vs. On-Prem

Has anyone Used cloud computing for large jobs?
(Yes. Arkansas-on a dev site)

Serving (Delivery)

- Image Server vs. Apollo
Image Server - IL, IA, KS, AR, MO, ND
Apollo - NE (trying), NM (yes)
- Serving options Image Server, WMS, tiled WMS, WCS, KML, MRF
More options = More customer service (headaches)
- Compression
GDAL Compressed TIFFs
MrSID 40-1

Geospatial Data Act

Not hearing any pushback on the Act within the other MaGIC States.

New Language - Made it lighter for most Geospatial activities.
Iowa - Is there a State Surveyor that can operate under the Act to handle boundary issues. Could they even enter into a BAS agreement once Act is in place? Language specific to boundaries and geodetic control.

Data Models / Workflows

Local and State data projects

- Kansas - NG911 Massive data integration made easy with templates created by DASC. Original model was optional. Since model was so easy everyone used it. Python validation tools (10.3 or higher) used. Issues with geocoding changes in ESRI versions (eg. 10.3 - 10.31)
- Iowa - Asked for Layer Package submission. Enabled info about what sources used like SDE version or shapefile.
- North Dakota - Uses community Parcels. Considering and evaluating FME for submittals. Script from there.
- Nebraska - One Spatial Enterprise version of FME. Also uses ESRI community parcels. (agregator or contributor model). Wants to get to toolbox standardization within One Integrate (to validate and fix nonconformances) similar to Kansas toolbox model.
- Arkansas - USPS collaboration on statewide addresses. Match and reconcile State address layer with USPS addresses.

Quality Control Options / Tools

- ArcPro tasks
- FME
- Python Scripts
- ESRI tools