MSDIS Update – February 2025

Updated Data

2024 6" Resolution Southern Missouri Imagery

MSDIS has deployed the newest 6" resolution county mosaics to [The Missouri Map](#) to make them available for download. Unlike when we deployed the county mosaics for the Northern Missouri flight, we did not create a whole new layer for the new data. Instead, we have renamed the existing map layer to reflect that we now have statewide coverage at 6" resolution.

The Missouri Map

Related to the above news and in expectation of the retirement of older AGOL applications, we have redesigned [The Missouri Map](#) in Experience Builder. While we are still tinkering with the update, the new and improved Missouri Map retains all the functions of its predecessor. Please update any of your links and/or bookmarks accordingly.

St Louis Imagery Consortium 2022 Imagery

With many thanks to ESRI's Arthur Crawford, we have received the 2022 St Louis Imagery Consortium aerials and have deployed them as an [image service](#). We will make these tiles available for download as time allows.

MSDIS General News

A New Image Server

The new image server has remained stable throughout the testing period. Now that the county mosaics have been deployed, we have resumed our work preparing a complete statewide imagery mosaic of the 6" imagery. At present, all individual GeoTiff files have been imported to a statewide mosaic and the first stage of pre-deployment prep work is currently chugging along.

AWS Open Data

I am pleased to report that the 6" resolution aerial imagery has been accepted by AWS for inclusion in the Open Data Sponsorship program. We will begin taking the necessary steps to take advantage of this opportunity.

NSGIC 2025 Midyear Meeting

What a neat time! MSDIS was absolutely delighted to attend the NSGIC 2025 Midyear Meeting in late February. While we didn't attend the entire meeting (due largely to our own misunderstanding of the schedule), it was a terrific meeting during which we learned a tremendous amount from several states and federal agencies that we don't normally get to interact with. As always, it was also great to see old friends and familiar faces from the MAGIC Clearinghouse Summit. We will be meeting with Ken Nelson and Mark Yacucci later this week to discuss how MSDIS can be a more active participant in the organization.

MSDIS/OGI Funding MOA

The funding discussion between MSDIS and the Office of Geospatial Information continues. MSDIS has submitted a potential list of official clearinghouse responsibilities (based largely on a similar list shared with us by our friend at the Kansas clearinghouse) and awaits further instructions.

GEOG 1800

Once again, I am teaching GEOG 1800 during the Spring semester and would like to invite any interested GIS professionals to join us for an in-class presentation. The class is scheduled for MWF 11:00-11:50 in Stewart Hall. You can take up as much, or as little, time as you would like. You don't even have to join us in-person. The classroom is fully equipped to handle Zoom meetings, so you can give a presentation from the comfort of your own office. Unlike previous years, I will not be scheduling these talks only for the end of the semester. If you are willing to volunteer your time to come talk to my students about what you do with GIS, you are welcome to drop in at any point on the academic calendar. If you're interested in joining us, please email me directly at voughtth@missouri.edu

Donate Directly to MSDIS

While many of you heard this at last month's MGISAC meeting, I would like to extend a huge thanks to Aaron Addison for his generation donation to the MSDIS Excellence Fund.

As a reminder, if you or your company would like to help support end-of-year awards for my undergraduate interns, the MSDIS Excellence Fund, is open to the public and able to accept donations. As MSDIS' place in the world continues to rapidly expand and my attention is pulled in several different directions, my cadre of students are being asked to do more and more complex work.

MSDIS Downtime

No downtime was reported during February 2025.

Server Statistics

While I am still no longer able to report server statistics, MSDIS server logs remain publicly available for those interested in examining the raw information.