# MSDIS Update – December 2024

## Updated Data

### 2024 6" Resolution Southern Missouri Imagery

I am delighted to announce that I took possession of the 2024 6" resolution imagery just before the holiday break. An **EXTREMELY TEMPORARY** image service of the new data has been created and deployed [HERE](). This temporary service, which is named **Missouri_South_2024_TEMPORARY**, will be discontinued once the new MSDIS image server is fully deployed. I have confirmed with several MSDIS users that the service is accessible outside of the Mizzou network, so it should be available to anyone who needs access to the imagery right now and does not want to wait for the deployment of the permanent service.

Please note that I have NOT received the county mosaics yet, so downloads of the new imagery are not yet available. My understanding is that those files are still under construction and will be delivered at a later date.

### St Louis Imagery Consortium 2022 Imagery

I am still working on accessing the 2022 St Louis imagery. Just before the holiday break I was given permission from Mizzou IT to install software that will (in theory) allow me to access the files without needing to mail an external drive. I have yet to test the software out, but it is on my to-do list.

## MSDIS General News

### A New Image Server

The new image server has been unofficially deployed and is currently in internal testing. The MSDIS Interns have confirmed that they are able to access the server while outside of the network and that they are able to add the test services to ArcGIS and QGIS projects. My current plan is to complete the creation and deployment of a statewide 2023/2024 image service and individual 2023 and 2024 services before publicly sharing the new link. If all goes well, these services will utilize cached tiles to maximize responsiveness.

As I mentioned previously, I fully intend to take my time with the rollout of this server and the services that will live on it. One of the primary frustrations I had with the rollout of the 2022 12" imagery was that I received the main delivery before Thanksgiving, rushed to set up a service to make the data available, then received the Kansas City-area 12" imagery shortly after that. Since people were already using the first service, I was reluctant to make a combined service for fear of maxing out my server's limited resources.

### AWS Open Data

I was able to complete our first AWS Open Data submission just before the holiday break. To my surprise, a representative from AWS has already reached back out to me for clarification regarding the licensing and optimization of the imagery we hope to store and distribute via this service. Based on the email I received; my suspicion is that the question of licensing is primarily due to me selecting the wrong option on the submission form rather than any actual incompatibility. I will be reaching out to a handful of individuals to discuss our response to these concerns.

**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](mailto: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 December 2024.

## 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.