

MSDIS Update – July 2025

New Data

- A new LiDAR collection has been made available, but MSDIS has not yet had time to collect it due to our late-summer meeting schedule. Securing this dataset is very high on our to-do list.

Updated Data

- MSDIS has received (but not yet published) the latest quarterly MoDOT update. These datasets will be pushed out to the Hub once our team of plucky undergraduates returns to campus later this month.

MSDIS General News

MAGIC Clearinghouse Summit

As always, it was great to see the other MAGIC clearinghouses at our annual meeting. North Dakota played host this year, and we were once again joined by a handful of non-MAGIC states. Discussions included annual state updates, ESRI licensing, different methods of collaboration with state agencies, cloud storage, LiDAR best practices, federal data sources, and a wide array of other topics.

Missouri Mappers Association Annual Meeting

This technically took place in August, but I want to include it in the report while it is still fresh in my memory. It was wonderful to be invited back to speak to local GIS professionals and update them on the current state of MSDIS and the statewide aerial photography collection. During the question-and-answer period, it became clear that there are several possible areas for outreach and training that MSDIS, OGI, and the MGISAC may want to pursue.

MSDIS/OGI Funding MOA

Despite a few early fumbles, we appear to be moving ahead with staffing faster than I expected. I have completed the hiring notices and supplemental forms to get approval for posting both permanent hires. The positions need to be approved by a newly-formed hiring committee that meets every other week before they can be posted. I believe we have advanced the process far enough that those reviews will take place on 21 August.

I have received permission to begin building out our IT assets and to start hiring undergraduates. Due to meeting schedules, no progress has been made on new servers or storage, but I do have verbal commitments from the first two undergraduates that I made offers to.

AWS Open Data

I am still pursuing the AWS Open Data Sponsorship storage, but that work has taken a backseat to the funding MOA.

MSDIS Downtime

As reported last month, there was a disruption with the availability of the statewide 6" resolution dynamic service at 1:16 PM on Thursday 03 July. After restarting the service via Server Manager, the

problem seemed to be resolved. This disruption did not appear to include the statewide 6" resolution cached service.

A second disruption was reported at 7:59 AM on Friday 11 July. This outage was isolated to the MSDIS Image Server (not the Statewide Image Server) and was almost certainly the result of an overnight Windows update. A server restart resolved the issue at approximately 8:34 AM.

How You Can Support MSDIS

Donate Directly to MSDIS

- 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. Even a small donation to the Excellence Fund helps provide Team MSDIS with some well-earned bagels and coffee.

Send of Letter of Support to Mizzou

- Let's face it, Mizzou is a big place and MSDIS doesn't have a lot of time to advertise. If you think we're doing a good job, or even just a solidly okay job, fire off an email to the [President's Office](#) or to the [Dean of Arts and Sciences](#).

Share Your Data With MSDIS

- MSDIS doesn't just deal in 6" resolution imagery. If your town/city/county/regional planning committee/state agency/whatever has some cool data that can be shared with the public, send it over! If I get enough local data, I can either add a new section to the current Hub site or spin up a whole new clearinghouse just for smaller datasets.

Write Your Metadata

- All the cool kids write their metadata.

Support the NG911 Data Collection

- NG911 data will likely be the next great challenge for MSDIS, but it is also an incredibly important leap forward for Missouri's GIS data catalog. If you can, [please submit your data to the program](#).

Support Aerial Photography and LiDAR Collections

- I don't love the idea of a whole new aerial photography collection while I'm still finishing up work on the last one, but it is impossible to overstate the value of current, high-resolution imagery and LiDAR data. If your town/city/county/regional planning committee/state agency/whatever is interested in helping support the cost of another collection, please reach out to the MGISAC.

Support MGISAC

- You came to the conference, so you might as well come to the monthly meetings! MGISAC meetings are open to anyone who wants to attend and cover a range of topics including OGI activities, data development plans, GIS-related legislation, and the occasional guest speaker. If you're interested in attending, please email MSDIS for an invite.