

MSDIS Update – August 2025

New Data

- Several new LiDAR datasets are either currently available or expected to be made available soon. My current plan is to prepare a new 11.5 Image Server specifically for LiDAR services before I attempt to add any new data to the collection. This will necessitate moving the current LiDAR services to a new URL but should make monitoring those services much easier by virtue of not mixing them in with dozens of older aerial photography services.

Updated Data

- MoDOT 2025 July Update
 - MoDOT Routes
 - MoDOT Arcs
 - MoDOT Functional Classes
 - MoDOT Commuter Lots
 - MoDOT Emergency Reference Markers
 - MoDOT Rest Areas

MSDIS General News

MSDIS/OGI Funding MOA

Following from last month's update, MSDIS is proud to welcome Rachel Riley, Peyton Smith, and Joshua Stender back to Team MSDIS as actual, honest-to-goodness paid interns who will be rewarded for their hard work with genuine money instead of credit hours. Rachel and Joshua will start working on improving our district mapping products for Missouri's school districts while Peyton will work with me on preparing the first ArcGIS Pro training session for state employees.

I have confirmed with Human Resources that the two permanent hires were approved by the hiring committee. We are now completing the forms to lock in the details of the position titles and salaries. I admit that this process is taking a little longer than I had hoped, but we began the paperwork just as the merit raise season was starting. As those letters are distributed, I hope we'll see an increase in momentum. In any case, I remain incredibly grateful to Amy Gunn for the support she has provided.

AWS Open Data

I have decided to pause our bid for the AWS Open Data program to request guidance from Mizzou cloud storage consultants. My expectation is that we will still migrate to AWS for our data storage, but I want to make sure we do this correctly. The Open Data program is still an option, but our current collection of GeoTIFF imagery is not in the preferred COG format. If we started utilizing the Open Data storage, any files we uploaded could not be pulled back to replace them with better versions. I will continue to provide updates on this as the picture becomes clearer.

MSDIS Downtime

No downtime was reported in August 2025.

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.