MSDIS Update – February 2024

Updated Data

- **St Louis 2020 Impervious Surfaces** – Big shoutout to Arthur Crawford of ESRI for sharing this dataset with MSDIS. We are still waiting for a complete metadata write-up before rollout is "official" but this is an amazing addition to the clearinghouse catalog. According to Arthur, these footprints were collected from the 2020 St Louis imagery. It's been a while since we last added a new local vector dataset to the distribution, so we'd like to take this opportunity to remind our city/county/regional GIS partners that this is a thing we've done in the past and are happy to discuss again for anyone interested in collaborating.

MSDIS General News

Not so much state news, but we were extremely happy to help host a small meeting of campus GIS professionals and graduate students in late February. Mizzou has an active GIS research community, and there are some genuinely incredible projects currently in-progress, but we rarely ever have an opportunity or a reason to sit down together at the same table. We didn't solve any of life's great GIS-based problems during our hour together, but we did begin identifying steps we can take to build a stronger geospatial community.

Several of you have already shared internship opportunities with your various agencies this summer (which we have passed on to our own students). If anyone else is looking for student help this summer, please do not hesitate to send us the details.

Finally, we are still looking for one or two more geospatial professionals to guest lecture in GEOG 1800. If you work with GIS and are interested in giving a brief (30-40 minute) presentation to a group of students about what you do and how you use the technology, please email Tom at voughtth@missouri.edu.

MSDIS Downtime

No downtime was reported in February 2024.

Image Server Statistics

Since the replacement of the MSDIS Image Server, we have struggled to find a software to provide a comprehensive breakdown of server and service usage. We had hoped that the statistics pulled directly from ArcGIS Server Manager would be a suitable substitute, but the very bare-bones records were significantly less than what we wanted.

Moving forward, we will no longer publish these numbers in our monthly reports. We will remain on the lookout for a reliable option for parsing the server usage in the hope that we can publish these numbers again. The raw server logs are still being saved if anyone requires them. Should anyone need a rough estimate of usage for certain specific services, we are more than happy to run those numbers via Server Manager.