



# NextGen Geospatial

## AI & Cloud Tools for Geographic Analysis

Register Here!

[https://github.com/ua-datalab/Geospatial\\_Workshops/wiki](https://github.com/ua-datalab/Geospatial_Workshops/wiki)

Step out of conventional GIS frameworks and discover the latest trends in geospatial data science where open tools and cloud technologies are innovating earth observation and environmental monitoring. Emphasizing open science, this immersive hands-on workshop series will:

- Demonstrate Deep Learning workflows
- Introduce you to cloud-native formats
- Show you to harness cloud computing platforms
- Help you build geospatial analysis pipelines

Each workshop session is designed to be a discrete lesson where students will walk away with specific knowledge on a tool and resources to explore deeper.

The series is open to all University of Arizona personnel and is tailored for graduate students, postdocs, and early career faculty looking to expand their geospatial skills.

For more information & registration:

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<b>Dates</b>	Sept. 3 - Oct. 29, 2024
<b>When</b>	Tuesdays 2-3 pm Arizona Time
<b>Where</b>	Weaver Science-Engineering Library Room 212
<b>Zoom</b>	Link Sent Upon Registration

### Schedule

9/3/24: Cyverse Geospatial  
 9/10/24: Google Earth Engine  
 9/17/24: Deep Learning: DeepForest  
 9/24/24: Deep Learning: Detecto  
 10/1/24: Cloud Optimized Geotiffs  
 10/8/24: Cloud Optimized Point Clouds  
 10/15/24: Geospatial Pipelines  
 10/22/24: Geospatial Data APIs  
 10/29/24: SpatioTemporal Asset Catalogs