

Geography IT Services Menu

Database

- PostgreSQL – Open source database platform that can be used to host course or research data for student access or multi-user editing. Spatial databases may be configured using ESRI products or using PostGIS (an open-source GIS platform).
- MySQL – Open source database platform primarily used for web-based applications like Wordpress. Site hosting is via the UW Shared Hosting service (depts./courses/faculty sites).

GIS Servers

- ArcGIS Enterprise Server – ESRI's GIS server allowing users to publish GIS data and processing tools for use in both web- and client-based GIS applications.
- Geoserver – Open-source GIS server allowing users to publish GIS data and processing tools for use in both web- and client-based GIS applications.

Cloud/Web

- ArcGIS Online – ESRI's cloud-based GIS platform for producing web maps, applications, and data. ArcGIS Online accounts are also required in order to use ArcGIS Pro.
- CartoDB – Cloud GIS platform for producing web maps, utilizing a cloud-based open-source database platform (PostGIS). This service is entirely external to UW and departmental systems, however we can offer support in getting started with it.
- Omeka – Website framework optimized for creating exhibits and collections of images, maps, stories, etc. Extensible with plugins. Site hosting via UW Shared Hosting (courses/depts./faculty sites).
- Wordpress – Website framework ideal for blog-style interface and easy content management. Extensible with plugins. Site hosting via UW Shared Hosting (courses/depts./faculty sites).

How to get started:

If you have questions on any of the above technologies or need assistance determining which might meet your needs, please schedule a meeting with Geography IT. For more information on how to proceed, please see the Geography IT tech policies.