



Position Title: Water Quality Initiative Geographic Information Systems (GIS) Intern

Temporary, Full-time, position from May 2025 to August 2025; potential for part-time employment following initial term.

Location: IDALS Central Office, Wallace/Hoover Building, Des Moines, IA

Contact: Iowa Department of Agriculture and Land Stewardship
Wallace State Office Building
Des Moines, IA 50319
Phone: 515-725-2962

Hours: Temporary Appointment; Up to 40 hours per week (no overtime).
No more than 780 hours annually. Anticipated wage of \$17.61 per hour.

Number of openings: (1) One

Job Description: IDALS is seeking a temporary intern to provide technical support to assist in reviewing existing GIS data currently stored on a remote server to determine files to be preserved and migrated to an IDALS GIS platform and other files to be deleted. The candidate will work closely with the IDALS GIS Coordinator to develop a methodology for file review and sorting and will assist in creation of a geodatabase to host the surviving GIS data. Specific duties include, but are not limited to:

- Iterate through thousands of folders that have accumulated GIS data to determine what data needs to be retained and what can be cleaned up.
- Identify data associated with completed projects, determine which (if any) shapefiles need to be appended to a geodatabase for those projects.
- Review other IDALS GIS data folders and extract summary GIS data.
- Work directly with the GIS Coordinator to append saved GIS data into one or more geodatabases and discard legacy shapefiles.

Key Qualifications:

- Strong interest in Environmental Science and agricultural, agronomic, and/or conservation systems.
- Experience with GIS, including ArcPro is required. Experience with ArcDesktop and geodatabase development is beneficial. Experience/coursework with ArcPy or other GIS programming and automation tools is also beneficial.
- Experience and/or familiarity with computer programs including Microsoft Office, Excel, Outlook, etc.
- Possess skill in interpersonal relationships and ability to communicate effectively with internal and external clients, both verbally and in writing.
- Display high standards of ethical conduct.
- Respond appropriately to supervision.
- Detail-oriented individual with the ability to work independently and prioritize work schedule.

Job may occasionally require occasional travel within state, walking through rough terrain and carrying equipment.

Applicant must possess a valid driver's license or have the ability to obtain one prior to appointment.

Interested applicants should provide resume and cover letter to Jake Hansen, Water Resources Bureau Chief (jake.hansen@iowaagriculture.gov).

Position will remain open until filled. Initial review of applications will occur on May 12, 2025.