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# GIS Data Manager

📍 Remote

🕒 Full Time

🎓 Mid Level

🔗 [SHARE \(HTTPS://XTSCAREERS.APPLYTOJOB.COM/APP/SHARE/OGRN](https://xtscareers.applytojob.com/app/share/ogrn)

We are on the lookout for a highly motivated, ambitious GIS Data Manager with the knowledge and autonomy to contribute their expertise to the US Geological Survey (USGS) mission. This role provides the opportunity to **learn new functions, gain experience utilizing different systems**, and learn new technical processes on the job while **contributing vital deliverables** that **directly impact the reliability, accessibility, and accuracy of geospatial information**.

As a GIS Data Manager on the Database Management Team, you will utilize your ArcGIS proficiencies and data analysis skills to **provide accurate and verifiably clean data** to support, maintain, and optimize The National Map. With your understanding of Enterprise-Level databases and cloud-based DevOps, you will develop, maintain, and conduct ongoing BDMS operations for back-end database solutions across TNM databases to standardize processes, improve data integrity, and **ensure efficient data management**. You'll **design, build, test, implement, document, and maintain data** and logfiles between various application systems and technology solutions. You will facilitate process automation, integration, and effective reporting to ensure **system interoperability and synchronization** by conducting data validation, processing, acceptance,

ingestion, integration, and quality assurance. You will standardize and implement cleanup scripts and procedures for Spatial Database Engine (SDE) and SDE version maintenance, troubleshoot database errors, and resolve identified data discrepancies. To ensure status validation, you will perform oversight and management of Replication Operations for the preservation of Vector edit history for each dataset and the assessment of impacts and implications that new COTS releases will have on datasets and databases. By ensuring data integrity, efficient workflows, and cloud-based solutions, you empower scientific research, informed decision-making, and public awareness of our dynamic world!

Requirements:

- Must be a US citizen or have legal residency
- Willingness to learn new skills and functions
- Proficiency in GIS application
  - Including ESRI tools, ArcPro, ArcMap, and Model Builder
- Strong technical abilities in SQL and PostGres
- DevOps Practices
  - Familiarity with DevOps scripting, GitLab, and automation
- Ability to manage data quality, replication, and synchronization
- Knowledge of GNIS, elevation data, terrain data, hydrology data, and National Map data
- Python scripting for automation and data processing
- Database management – understanding of enterprise databases and versioning frameworks

Does your ambition drive you to expand your expertise and compel you to explore new skills and methodologies? Join our team and make a difference in shaping the future of geospatial data management by reaching out at [Ashlyn.carroll@xts-inc.com](mailto:Ashlyn.carroll@xts-inc.com)!

## Apply for this position

REQUIRED \*

APPLY WITH INDEED

First Name \*

Last Name \*

Email Address \*

Phone \*

Address

Resume \*

Attach resume or Paste resume

Are you proficient in GIS applications? \*

Do you have a strong understanding of and capability to use SQL and PostGres? \*

Are you familiar with DevOps processes and procedures? \*

Are you experienced in data analytics and management? \*

Are you able to query data, troubleshoot data errors, and conduct synchronization replication? \*

The following questions are entirely optional.

To comply with government Equal Employment Opportunity and/or Affirmative Action reporting regulations, we are requesting (but NOT requiring) that you enter this personal data. This information will not be used in connection with any employment decisions, and will be used solely as permitted by state and federal law. Your voluntary cooperation would be appreciated. [Learn more \(https://www.eeoc.gov/employees-job-applicants\)](https://www.eeoc.gov/employees-job-applicants).

Gender

Decline to answer ▾

Race/Ethnicity

Decline to answer



### **Invitation for Job Applicants to Self-Identify as a U.S. Veteran**

- A “disabled veteran” is one of the following:
  - a veteran of the U.S. military, ground, naval or air service who is entitled to compensation (or who but for the receipt of military retired pay would be entitled to compensation) under laws administered by the Secretary of

Veterans Affairs; or

- a person who was discharged or released from active duty because of a service-connected disability.
- A “recently separated veteran” means any veteran during the three-year period beginning on the date of such veteran's discharge or release from active duty in the U.S. military, ground, naval, or air service.
- An “active duty wartime or campaign badge veteran” means a veteran who served on active duty in the U.S. military, ground, naval or air service during a war, or in a campaign or expedition for which a campaign badge has been authorized under the laws administered by the Department of Defense.
- An “Armed forces service medal veteran” means a veteran who, while serving on active duty in the U.S. military, ground, naval or air service, participated in a United States military operation for which an Armed Forces service medal was awarded pursuant to Executive Order 12985.

#### **Veteran status**

- ☐ I IDENTIFY AS ONE OR MORE OF THE CLASSIFICATIONS OF PROTECTED VETERAN LISTED ABOVE
- ☐ I AM NOT A PROTECTED VETERAN
- ☒ I DON'T WISH TO ANSWER

#### **Voluntary Self-Identification of Disability**

Voluntary Self-Identification of Disability Form CC-305  
OMB Control Number 1250-0005  
Expires 04/30/2026

#### **Why are you being asked to complete this form?**

We are a federal contractor or subcontractor. The law requires us to provide equal employment opportunity to qualified people with disabilities. We have a goal of having at least 7% of our workers as people with disabilities. The law says we must measure our progress towards this goal. To do this, we must ask

applicants and employees if they have a disability or have ever had one. People can become disabled, so we need to ask this question at least every five years.

Completing this form is voluntary, and we hope that you will choose to do so. Your answer is confidential. No one who makes hiring decisions will see it. Your decision to complete the form and your answer will not harm you in any way. If you want to learn more about the law or this form, visit the U.S. Department of Labor’s Office of Federal Contract Compliance Programs (OFCCP) website at [www.dol.gov/ofccp](http://www.dol.gov/ofccp) (<https://www.dol.gov/ofccp>).

How do you know if you have a disability?

A disability is a condition that substantially limits one or more of your “major life activities.” If you have or have ever had such a condition, you are a person with a disability. **Disabilities include, but are not limited to:**

- |   |   |  |   |
|---|---|--|---|
| • Alcohol or other substance use disorder (not currently using drugs illegally)         | or heart disease  | other seizure disorder   | anxiety disorder,   |
| • Celiac disease  | • Cerebral palsy  | • Gastrointestinal disorders, for example, Crohn's Disease, irritable bowel syndrome | schizophrenia, PTSD   |
| • Autoimmune disorder, for example, lupus, fibromyalgia, rheumatoid arthritis, HIV/AIDS | • Deaf or serious difficulty hearing  | • Intellectual disability  | • Missing limbs or partially missing limbs  |
| • Blind or low vision   | • Diabetes  | • Mental health conditions, for example, depression, bipolar disorder,               | • Mobility impairment, benefiting from the use of a wheelchair, scooter, walker, leg brace(s) and/or other supports |
| • Cancer (past or present)  | • Disfigurement, for example, disfigurement caused by burns, wounds, accidents, or congenital disorders | • Intellectual disability  | • Nervous system  |
| • Cardiovascular  | • Epilepsy or   |  |   |

condition, for example, migraine headaches, Parkinson's disease, multiple sclerosis (MS)	attention-deficit/hyperactivity disorder (ADHD), autism spectrum disorder, dyslexia, dyspraxia,	other learning disabilities	for example, tuberculosis, asthma, emphysema
• Neurodivergence, for example,		• Partial or complete paralysis (any cause)	• Short stature (dwarfism)
		• Pulmonary or respiratory conditions,	• Traumatic brain injury

**Please check one of the boxes below:**

- ☐ YES, I HAVE A DISABILITY, OR HAVE HAD ONE IN THE PAST
- ☐ NO, I DO NOT HAVE A DISABILITY AND HAVE NOT HAD ONE IN THE PAST
- ☒ I DO NOT WANT TO ANSWER

PUBLIC BURDEN STATEMENT: According to the Paperwork Reduction Act of 1995 no persons are required to respond to a collection of information unless such collection displays a valid OMB control number. This survey should take about 5 minutes to complete.

Name

Date

Human Check \*



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**SUBMIT APPLICATION**

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