

# Seasonal GIS Technician Fort Wainwright, Alaska



Center for  
Environmental  
Management

**MILITARY LANDS**

Colorado State University

## **POSITION**

A Geographic Information Systems (GIS) technician position is available with the Center for Environmental Management of Military Lands (CEMML). This is a seasonal part or full-time position (October through August, not to exceed 9 months) located at Fort Wainwright, Alaska in support of the Natural Resources and Restoration Programs. Under the general supervision of the GIS analyst, the GIS technician will prepare and update digital maps and their associated data sets within GIS. The GIS technician will also provide office GIS assistance, including but not limited to, cartographic requests, data calls, spatial analyses, GIS trouble shooting, and data development in support of conservation management activities on Fort Wainwright.

Beginning Monday, August 16, 2021, Colorado State University has mandated vaccinations against COVID-19. Faculty and staff are required to submit their vaccine status or declare an exemption. More information about the vaccination mandate can be found on the CSU COVID-19 Information & Resources site here, <https://covid.colostate.edu/pandemic-preparedness-team-broad-guidance-for-all-summer-and-fall-2021-activities/>.

## **ORGANIZATION**

CEMML is a research, education and service unit within the Warner College of Natural Resources at Colorado State University (CSU). CEMML applies the latest and most appropriate science to promote the sustainable management of natural and cultural resources on Department of Defense (DOD) and other public lands. We provide technical support, conduct applied research, and offer career development and learning opportunities to support resource stewardship. We collaborate with our sponsors and within CSU to resolve complex environmental issues, leaving a legacy of science-based decisions that sustain our resources for future generations.

To learn more about CEMML's contributions to land management, our mission, vision, and values, visit <http://www.cemml.colostate.edu/>.

## **LOCATION**

Work will occur on Fort Wainwright and Donnelly Training Area, both in interior Alaska. Fort Wainwright is located on the east side of Fairbanks, Alaska. Locally, Fort Wainwright encompasses over 900,000 acres, including a main post area of 4,470 acres, 8,825 acres of ranges, and over 890,000 acres of military maneuver areas. Approximately 15,000 people live and work at Fort Wainwright. Fairbanks is the third largest city in Alaska by population and hosts movie theaters, museums, parks, extensive hiking and biking paths, Alaska's largest university and numerous outdoor recreational activities. Donnelly Training Area is part of the Fort Wainwright maneuver range and is located near Delta Junction, interior Alaska's agricultural center. Delta Junction is a small town of just under 1,000 residents and is located about 90 miles south of Fairbanks, the closest city. The town has incredible views and access to the Alaska Range, the Delta, Tanana and Clearwater

Rivers, and basic services (groceries, library, and medical clinic). Summertime climate in both locations is typically sunny with temperatures of 60–90 °F.

## **RESPONSIBILITIES**

- Maintain existing databases with DoD required standards and protocols
- Develop new data layers and maintain/update old data layers
- Provide cartographic support for GIS requests
- Provide data support for projects/deliverables
- Maintain Quality Assurance/Quality Control for existing data and ensure installation standards are met and deliverables supplied to program as requested

## **MINIMUM QUALIFICATIONS**

- BA/BS degree in Geography or Natural Resources with an emphasis in GIS or a closely related discipline with GIS coursework.
- At least one year of post-baccalaureate work experience in GIS.
- Experience with ArcGIS 10.x or higher and experience with GIS database management and cartographic production.
- Ability to work as part of a team in a structured organization.
- Must have or be able to obtain a valid driver's license by employment start date.
- Must be able to comply with all applicable regulations to obtain a Common Access Card (CAC). Furthermore, candidates are required at a minimum to complete a NACI/SF85 and successfully pass a federal background check to remain eligible for employment by CSU.

## **DESIRABLE QUALIFICATIONS**

- A Graduate Certificate or Degree in Geography or Natural Resources with an emphasis in GIS or a closely related field.
- Demonstrated skills in GIS based database development, ArcGIS Desktop, ArcGIS Spatial Database Engine (SDE) and Spatial Data Standard Facilities, Infrastructure and Environment (SDSFIE).
- Demonstrated experience working with GIS applications in natural resources management, digital cartography, and with the military.
- Basic programming experience with Python.
- Ability to work on multiple projects.
- Excellent written and oral communication skills.
- Experience with GPS data collection in the field.

## **EMPLOYEE BENEFITS**

Visit CSU's Human Resources website for detailed benefit plan information for temporary employees in the following University benefit areas:

<https://hr.colostate.edu/wp/content/uploads/sites/25/2021/02/benefits-summary-hourly.pdf>

## **BACKGROUND CHECK**

Colorado State University is committed to providing a safe and productive learning and living community. To achieve that goal, we conduct background investigations for all final candidates being considered for employment. Background checks may include, but are not limited to, criminal history, national sex offender search and motor vehicle history.

## **PAY RATE**

\$18.00 - \$25.00/hour (40 hours/week). Employees generally work Monday through Friday from 8am to 5pm, though part-time work is possible. Benefits for the position include Workers Compensation benefits and contribution to a retirement plan, but do not include medical, dental, vision and life insurance policies. Continuation of the position is dependent on the receipt of funding from the sponsor.

## **APPLICATION**

The deadline for applications is Sunday, November 17<sup>th</sup> 2021. Applicants will be reviewed and candidates will be interviewed on a rolling basis. An offer may be given prior to the application deadline, which will close the posting. Documents must be delivered as Word or PDF files to Barrett Flynn at [Barrett.Flynn@colostate.edu](mailto:Barrett.Flynn@colostate.edu). To apply for this position, submit the following items in your application package:

- (1) Cover letter explaining why you are qualified for this position and how you meet the minimum qualifications
- (2) Resume
- (3) Copy of college transcripts (unofficial copies are acceptable)
- (4) Names, daytime phone numbers, and email addresses of three professional references, one being a current or recent supervisor.

**Incomplete applications or those containing sensitive personal information (i.e., social security or driver license numbers, birthdates) will be removed from consideration.**

For more information, contact Barrett Flynn at the above e-mail.

Colorado State University does not discriminate on the basis of race, age, color, religion, national origin or ancestry, sex, gender, disability, veteran status, genetic information, sexual orientation, or gender identity or expression. Colorado State University is an equal opportunity/equal access/affirmative action employer fully committed to achieving a diverse workforce, and complies with all federal and Colorado state laws, regulations, and executive orders regarding non-discrimination and affirmative action. The Office of Equal Opportunity is located in 101 Student Services.

See a complete listing of open CEMML positions at <http://www.cemml.colostate.edu>.