Seasonal Wetland Ecology Technician
Fort Wainwright, Alaska

POSITION
Several wetland ecology technician positions are available with the Center for Environmental Management of Military Lands (CEMML). These are seasonal positions located at Fort Wainwright, Alaska in support of the Natural Resources Program.

ORGANIZATION
The Center for Environmental Management of Military Lands 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 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 second largest city in Alaska by population and hosts museums, parks, extensive hiking and biking paths, Alaska’s largest university, and numerous outdoor recreational activities.

RESPONSIBILITIES
The successful candidate will assist with wetland determination and mapping on Army training lands. Identification of wetlands is based on a three-parameter approach involving indicators of hydrophytic vegetation, hydric soil, and wetland hydrology. Main duties include off-trail hiking to field site locations, identifying plants with field guides and botanical keys, collecting and cataloging plant specimens, digging soil pits, coloring and texturing soils, and describing soil profiles. Additional duties include identifying hydric soil and wetland hydrology indicators, interpreting aerial imagery, and entering and managing data in Microsoft Access and GIS databases. Work will be split between the field and the office. Technicians will also assist with other vegetation and natural resource support duties. Work will occur in remote areas of interior Alaska, requiring technicians to work in inclement weather conditions, navigate to plots with GPS units, camp for extended periods, travel in fixed and rotary wing aircraft, and operate ATVs and 4-wheel drive trucks.

MINIMUM QUALIFICATIONS
The position requires a bachelor’s degree in environmental science, soil science, botany, biological science, wetland or terrestrial ecology, or a closely related field. Applicants must have prior field data collection experience and be versed in using botanical keys (i.e. Flora of the Yukon Territory) and collecting floristic
data. Candidates should be capable of following detailed protocols, working effectively in small groups, and conducting repetitive tasks in an office and field setting. They should be comfortable working outside in cold, wet, and mosquito-infested conditions while hiking for up to 10 hours per day on uneven, wet terrain carrying a 30 lb. pack and shovel. U.S. citizenship or legal documentation is required. Applicant must have a valid driver’s license. Out-of-state applicants are encouraged to apply, though they should note that off-duty transportation and relocation costs are not provided.

DESIRABLE QUALIFICATIONS
Successful applicants will have a working knowledge of northern boreal plant ecology, wetland ecology, hydrology, and soil processes, and ArcGIS. Applicants should be highly motivated to learn and interact closely with team members, and enjoy field work.

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 AND DURATION
$18.00 - $22.00/hour (40 hours/week), commensurate with experience and qualifications. Per diem will be provided while on travel status.
The position is seasonal, from approximately late May through September 2020. There’s the possibility of beginning work before the field season (as early as March) to assist with office data management (i.e. data QC, GIS mapping, field season preparation, etc.). Benefits for the position include Workers Compensation benefits and contribution to a retirement plan. Continuation of the position is dependent on the receipt of funding from the sponsor.

APPLICATION
The deadline for applications is Tuesday, February 18th, 2020. Applications will be reviewed in the order they are received. Documents must be sent as Word or PDF files to Gwen Jacobson at Gwen.Jacobson@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, at least 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 Gwen Jacobson at the above e-mail or by phone at (425) 409-1708

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