POSITION
A Student Data Technician (hourly) position is available with the Center for Environmental Management of Military Lands (CEMML). This position is located at Colorado State University.

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
On the Colorado State University campus in the Vocational Education Building located on Mason and University.

RESPONSIBILITIES
The Data Technician will be responsible for a wide variety of data entry, data organization, and data analysis tasks. Initial tasks include preparing data for processing through various modules in a national wildfire risk assessment for the Army and Air Force and running automated scripts to process the data; preparing firing point, target, and trajectory data for ballistics simulations used in ignition probability assessment on military ranges and running the ballistics simulations; preparing data and loading it onto tablets for use in the field; quality controlling National Weather Service and other hourly weather data and processing that data for use in fire behavior simulations. As experience and familiarity with the data is gained, additional tasks and responsibility may be assigned.

MINIMUM QUALIFICATIONS
A Junior or Senior student at Colorado State University. Basic GIS skills are required, including editing geometries and attribute tables, on-screen digitizing, and a basic understanding of how to use an ArcGIS Tool Box tool and/or script. Experience with data manipulation, databases, or large datasets. A high comfort level with computers and large volumes of data. Excellent organizational skills are required.
DESIRABLE QUALIFICATIONS
A graduate student at Colorado State University. School work in Natural Resources, Engineering, or Computer Science are preferred. A high comfort level with computers, large volumes of data, and data organization and management are highly valuable. Experience with raster GIS data is preferred.

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
Pay rate is commensurate with experience and qualifications. Range: $10 - $16 per hour. The Data Technician will be expected to work a minimum of 15 hours per week; up to 40 hours per week will be available, but not expected. The position is contingent upon continued funding being available.

APPLICATION
Please send a one page cover letter describing your experience and a resume to andrew.beavers@colostate.edu.

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.

Reflecting departmental and institutional values, candidates are expected to have the ability to advance the Department's commitment to diversity and inclusion.

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