



NATURAL RESOURCE
ECOLOGY LABORATORY



Colorado State University is hiring an Environmental Statistician to work with a team of scientists to conduct national assessments of greenhouse gas emissions from agricultural lands. These assessments are used by the United States government to report greenhouse gas emissions from agricultural lands to the United Nations Framework Convention on Climate Change, and to guide policy-decisions related to federal climate smart agriculture programs.

Key responsibilities for this position include the following:

- Development of statistically-based approaches for combining multiple datasets using machine learning, survey statistics and related methods;
- Applying the approaches to create management data products combining data from USDA surveys, remote sensing data products and other datasets to represent historical land use and management in agricultural lands of the United States;
- Working with a team to estimate GHG emissions using the management data product; and
- Preparing documentation and manuscripts on the research findings, methods and emissions results.

The NREL is a research unit at Colorado State University with a mission “to ensure the sustainability of the Earth’s ecosystems through the generation and application of new knowledge.” The unit’s interdisciplinary, ecosystem research promotes collaborations among disciplines and across fields of expertise at CSU and throughout the world.

Dr. Stephen Ogle from the Natural Resource Ecology Laboratory will be supervising the new hire. The position requires a Ph.D. in Statistics or quantitative environmental sciences. Applications are due by November 17, 2022 to ensure full consideration. More information about this position is provided at <https://jobs.colostate.edu/postings/114271>.

Colorado State University is an equal opportunity and equal access institution and 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.