Project Scientist

The Greenhouse Gas Emissions Laboratory in the Department of Environmental Sciences at UC Riverside (UCR) is seeking a project scientist at the assistant or associate level to create a bottom-up methane emission inventory for California's San Joaquin Valley and the state of Colorado. The work is part of a U.S. Department of Energy funded collaborative study, *Comprehensive Top-Down and Bottom-Up Estimation of Annual Basin-Wide Methane Emissions from the San Joaquin Valley and Denver Oil and Gas Basins Using a Multi-Tiered Measurement and Analysis Framework*, led by Sonoma Technologies and with the collaboration of Flux Sense, GHG Sat, and the University of Colorado as well as UCR.

The candidate will develop a methane inventory product that can be used a prior for flux inversions. The inventory will include facility-scale emission estimates for power plants, confined animal feeding operations, and oil fields, among other sources, following on the basis of the Vista-California product. The candidate will work closely with atmospheric modeling teams to develop the gridded emission product. The candidate will also prepare text and analyses for publication in scientific peer reviewed literature.

We are seeking candidates with experience with geospatial data processing, atmospheric or biogeosciences, emission inventories, and database management. Skills in data analysis and remote sensing are also desirable. Successful candidates will be able to work independently as well as collaborate with team members. Ideal candidates will hold a Ph.D. degree, but M.S. and B.S. level candidates will also be considered. This position is located in Riverside, CA, but remote work locations with occasional travel to Riverside will also be considered. The salary range for the position is $71,500-$84,000 with full benefits.

To apply, please submit a cover letter and CV/resume to Professor Francesca Hopkins (fhopkins@ucr.edu) by email with the subject line "Methane Emissions Project Scientist"