

Post-doctoral research applicants are sought to join a collaborative research project between the US EPA Office of Research and Development and the University of Colorado in Boulder. The project is funded through the NASA Applied Sciences division for the purpose of utilizing models and remote sensing measurements to strengthen decision-making activities at the EPA related to characterizing and controlling fine particulate matter air pollution. The appointee will focus on inverse modeling and sensitivity analysis of particulate sources using the CMAQ chemical transport model. Sought qualifications include experience using chemical transport or air quality models, working knowledge of atmospheric aerosols and chemistry, and strong communication skills.

Applicants should send a cover letter describing research experience and interests, a CV, and contact information for three references. Candidates must have a PhD in a related field, and preference will be given to those with expertise in inverse modeling, data assimilation, and/or remote sensing. The applicant will be expected to publish peer-reviewed journal articles and effectively communicate with both scientists and environmental policy decision-makers.