Job Title: Postdoctoral scientist: urban carbon emissions

School of Informatics, Computing and Cyber Systems
Northern Arizona University
Flagstaff, Arizona

Join an exciting Northern Arizona University research team (gurneylab.nau.edu) in beautiful Flagstaff, Arizona doing cutting-edge research on the carbon cycle and climate change. This postdoctoral position will perform research on quantification and analysis of fossil fuel CO₂ emissions at fine space/time scales in urban areas within the US and globally. Working with the “Hestia” emissions information system (hestia.rc.nau.edu), the postdoctoral scientist will expand, improve and extend the urban emissions and analyze the emissions in the context of climate change policy, economics, and measurement/monitoring systems. The position intersects the disciplines of carbon cycle science, spatial analysis, urban science/policy, informatics, and emissions accounting.

Candidates must have received a PhD in a field related to position (eg. Informatics, GIS/Geography, Civil Engineering, Economics, Ecological/Environmental Sciences) from an accredited college or university. The applicant will be expected to publish peer-reviewed journal articles and work in a team environment, effectively communicating with a range of physical and social scientists.


Given the multidisciplinary nature of the research, a highly self-directed, creative and self-motivated individual is sought. The position is a fulltime appointment with an anticipated start date between 7/1/2019 and 11/1/2019. The appointment will be made initially for one year with possibility of extension for additional years. Salary range is $45,000-$55,000 dependent on experience, with associated University benefits.

Applicants should apply online at https://in.nau.edu/human-resources/current-job-openings/, job number 604321. It is helpful if interested candidates send a cover letter describing their research experience and interests, a curriculum vita, and arrange for three reference letters sent to: Prof. Kevin Gurney, kevin.gurney@nau.edu.

The initial closing date for receipt of applications is June 1, 2019; applications will be reviewed weekly thereafter until a suitable candidate is hired.

A background check is required for employment. Northern Arizona University is an equal opportunity/affirmative action employer committed to excellence through diversity. Women and minorities are encouraged to apply.