

Postdoctoral Researcher in High-res. CO₂ Emissions Quantification

A postdoctoral position in greenhouse gas emissions modeling is available in the Department of Earth and Atmospheric Sciences/Purdue Climate Change Research Center at Purdue University. The successful candidate will contribute to the development of a high resolution fossil fuel CO₂ emissions data product within a US urban setting. This effort will combine air quality monitoring data, geospatial statistics, remote sensing products, and energy systems modeling. The appointment will be made initially for a two year period (start date in Spring 2008), with the possibility of an extension, depending upon available funding, for up to 2 additional years.

Candidates must have received a PhD in a related field, (e.g., geosciences, urban planning, urban geography, GIS) within the past five years from an accredited college or university.

Necessary skills: working knowledge of emissions data/modeling, geospatial statistics, GIS and visualization tools, and database programming. Skills helpful but not required: knowledge of carbon cycle and fossil fuel combustion processes, familiarity with remote sensing data products (e.g., LandSat, MODIS, etc). The applicant will be expected to publish peer-reviewed journal articles and effectively communicate with a wide range of scientists, urban planners and city managers.

For more information please contact Prof. Kevin Gurney at 765-494-5982 or via email at kgurney@purdue.edu.

Applicants should send a cover letter describing their research experience and interests, a curriculum vita, and have three reference letters sent to (email or surface mail):

Prof. Kevin Gurney, Department of Earth and Atmospheric Sciences, Purdue University, 550 Stadium Mall Drive, West Lafayette, IN 47906. kgurney@purdue.edu (email preferred)

Reviews will begin immediately and continue until position is filled.

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