

Two postdoc positions in Rob Jackson's Lab at Stanford University:

1) Land-use and climate change, and 2) water and greenhouse gas interactions of shale gas and hydraulic fracturing

The School of Earth Sciences, Woods Institute for the Environment, and Precourt Institute for Energy at Stanford University seek two full-time scientists in earth sciences, hydrology, ecology, biogeosciences or remote sensing to contribute to two projects.

The first project, funded by USDA, examines the consequences of drought in the central U.S. on tree mortality and the carbon balance of the region. It examines the spatial extent of tree die-off, the underlying mechanisms behind tree mortality, and the consequences for regional carbon storage.

The second project continues our long-term interest in the water and carbon consequences of different energy technologies. The funded project focuses on unconventional natural gas and oil extraction and asks two questions: 1) What are the water intensity, wastewater-generation, and drinking-water interactions of unconventional natural gas and oil extraction, and 2) How much methane and ethane are emitted to the atmosphere during the extraction and distribution of natural gas and oil compared to biological sources?

Send a CV, statement of interests, and three letters of recommendation to:

rob.jackson@stanford.edu. Stanford is an equal opportunity employer; minority applicants are strongly encouraged to apply. Applications will be reviewed as they are received. Please apply by April 15th, 2014 for full consideration.

For many more postdoctoral positions, please take a look at the ESA Ecophys site, which I try to keep updated on a daily basis: <http://biology.duke.edu/jackson/ecophys/postdoc.html>