

Postdoctoral fellowship in climate impacts on tropical forests at Los Alamos National Laboratory.

Summary: A postdoctoral position is available within the Earth and Environmental Sciences Division to explore patterns of tree mortality in tropical forests and their potential impact on the tropical forest carbon cycle. Using large-scale and long-term plot data, the successful candidate will test hypotheses on climatic, environmental, and functional mechanisms driving spatial and temporal variation in tropical tree mortality. The successful applicant will work with long-term inventory datasets that span the tropics, and will work as part of a team of empirical and modelling focused researchers. The project is part of an innovative, multi-institutional effort (Next Generation Ecosystem Experiment-Tropics) focused on determining the fate of tropical forests as climate changes.

Required skills include experience analyzing and interpreting large datasets, demonstrated ability to publish peer-reviewed papers, effective written and oral communication skills, willingness to work in a team environment, and a Ph.D. pending or received within the last five years.

Desired skills include knowledge of physiological, ecosystem, population, or community ecology and programming in R, matlab or Python. We encourage applicants who can work across disciplines and draw upon large and unique data sets to study linkages between large-scale climate and forest processes.

For more information or to apply For details of postdoc benefits and life at LANL, please see

<http://www.lanl.gov/careers/career-options/postdoctoral-research/postdoc-program/>.

Please send a resume and a short statement of your future research goals to Nate McDowell (mcdowell@lanl.gov, <http://climateresearch.lanl.gov/>).

Candidates may be considered for a Director's Fellowship and outstanding candidates may be considered for the prestigious J. Robert Oppenheimer, Richard P. Feynman or Frederick Reines Fellowships. For general information about LANL's postdoctoral program please refer to the above Postdoctoral Program page.