

## Postdoctoral Position in Earth-System Modeling of Multi-Year Cycles in Aerosol Radiative Effects

A postdoctoral position is available in the Russell Research Group at Scripps Institution of Oceanography in the University of California, San Diego. The successful candidate will be responsible for comparing and interpreting the modeled and observed cloud effects of aerosol using CESM/CAM5 simulations and observational records, in collaboration with members of the NSF/DOE SIO-PNNL-NCAR EaSM team. The focus of the project is on understanding the interaction between multi-year cycles in the atmosphere and climate (e.g. ENSO, AMO, PDO) with aerosol emissions, concentrations, and forcing. The successful candidate will lead the scientific analysis of simulations and observations of one or more types of natural aerosol emissions (including DMS). He/she would also have the opportunity to be involved in additional projects, likely including wildfires and biogenic emissions.

A completed PhD within the last 3 years in atmospheric sciences, earth or ocean sciences, or a related discipline is required. Required skills include computer programming, statistics, and complex data analysis. Experience with EOF and other statistical analyses of long climate or meteorological model simulations (150 years) and large climate, meteorological, or related satellite data sets (50 years) is highly desirable. The successful candidate will also have a demonstrated commitment to publication of results. Strong verbal and written communication skills are necessary.

To apply, please send email to me at [lmrussell@ucsd.edu](mailto:lmrussell@ucsd.edu) with a single attached pdf file that includes a cover letter describing your research interests, a CV, date of availability, 1-3 first-author journal paper reprints in PDF, and a list of 4 references. The initial appointment will be for one year, with the expectation of renewal for at least one year upon satisfactory performance, with additional years possible pending continued funding. Background information about the research group, techniques, and previous publications and projects is available at <http://scrippsscholars.ucsd.edu/lmrussell>. The University of California is an equal opportunity employer.