

**From:** Gregory Okin  
**Subject:** Postdoctoral Opportunity At UCLA: Remote Sensing/Machine Learning in support of large-scale conservation

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## POST DOCTORAL RESEARCHER: Harnessing NASA Satellite Remote Sensing in Support of Large-Scale Conservation Management

**PROJECT DESCRIPTION:** The University of California Los Angeles (UCLA) and the United States Geological Survey (USGS) have partnered with the Bureau of Land Management (BLM) to use Remote Sensing as a Catalyst for Large-scale Conservation. The goal of the research is to use a fusion of remote sensing and field data to understand habitat connectivity for several critical animal species on lands in the western United States.

**REQUIREMENTS:** The position will be based in the Department of Geography at UCLA. At the time of appointment, applicants must have a Ph.D. in geography, ecology, or a related discipline, and demonstrated proficiency in the spatiotemporal analysis of large remote sensing datasets across wide geographical areas. Demonstrated proficiency in R, Matlab, IDL, Python, and/or equivalent is required. Demonstrated proficiency in the use of Machine Learning techniques is required, as is experience developing in Google Earth Engine's Python API. An interest in working with land management agency personnel to develop tools for visualization and management is desired. Interest in engaging in mentoring opportunities with graduate students is desirable. Fluency in written and spoken English is required. Salary commensurate with experience.

**TO APPLY:** The URL for submission of applications is <http://hr.mycareer.ucla.edu/applicants/Central?quickFind=70197>. To apply, applicants will need to submit a cover letter outlining their qualifications for the position and research experience, a CV that includes peer-reviewed publications, and the names of at least three references. Review of applications will begin May 1, 2017 and will continue until the position is filled. UCLA is an equal opportunity employer. Please contact [postdoc.inquiries.nasablm@gmail.com](mailto:postdoc.inquiries.nasablm@gmail.com) for questions.