

Post-Doctoral Research Associate Positions
Natural Resources Social Science Lab
Department of Forestry and Natural Resources
Purdue University, West Lafayette, Indiana

Overview: We are seeking at least one post-doctoral research associate to join collaborative, interdisciplinary, international projects. The first project is part of a large initiative, Arequipa Nexus Institute for Food, Energy, Water, and the Environment (the Nexus Institute) and the position will involve coordination and collaboration with selected faculty and graduate students at the National University of Saint Augustine (UNSA), our partner institution in Arequipa, Peru (<https://www.purdue.edu/discoverypark/arequipa-nexus/en/index.php>). The second project is part of a separate large initiative, Inca Institute for a Sustainable and Resilient Cusco, a cooperative technical alliance between National University of Saint Anthony the Abbot in Cuzco (UNSAAC) and Purdue University's Discovery Park (http://web.ics.purdue.edu/~jsdukes/lab/INCA_climate.html).

Project 1: A Framework for Sustainable Water Management in the Arequipa Region

This post-doctoral research associate will work with Dr. Linda Prokopy from the Department of Forestry and Natural Resources in close collaboration with Dr. Zhao Ma from the Department of Forestry and Natural Resources, and Drs. Laura Bowling and Jane Frankenberger from the Department of Agricultural and Biological Engineering. We will engage with stakeholders to find out what land use and water management decision-support tools and data would be useful to them. We will also develop a planning framework aimed at promoting socially, economically and ecologically sustainable agricultural and resource development in the region.

Project 2: Assessing Climate Needs in the Cusco Region

This post-doctoral research associate will work with Dr. Linda Prokopy from the Department of Forestry and Natural Resources in close collaboration with Dr. Jeff Dukes from the Department of Forestry and Natural Resources and Dr. Matt Huber from the Department of Earth, Atmospheric and Planetary Sciences. We will interview diverse stakeholders throughout the Cusco region to understand their concerns about climate change, climate change impacts, and what types of information they need to become more resilient. For more information about this project, please see: http://web.ics.purdue.edu/~jsdukes/lab/INCA_climate.html

Both post-doctoral research associate positions are for two years, given satisfactory progress in the first year. We offer an annual salary of \$47,500 plus benefits, and will provide funds to cover relevant travel expenses to research sites and conferences. The selected post-doctoral research associates will also have opportunities for professional development on and off-campus. Preferred start date is March 1, 2019, but may be negotiated upon request.

Specific responsibilities: (1) Managing day-to-day communication and relationship between research team and partners in Peru; (2) Organizing and coordinating qualitative and quantitative data collection in the field; (3) Analyzing qualitative and quantitative data; (4) Co-developing manuscripts and other research and engagement products; (5) Participating in other research-related project activities.

Required qualifications: (1) Completed a PhD in a relevant field by the start date; (2) High Spanish-language competency, particularly in spoken Spanish; (3) Interest and willingness to travel to

the Arequipa and/or Cusco region for field work during an extended period of time (e.g., one or more months).

Strongly preferred qualifications: (1) Experience with interview and survey research; (2) Familiarity and/or experience with water governance and smallholder farmer related research; (3) Experience with statistical/econometric analyses; (4) Field experience in the rural Global South.

Competitive candidates will have a strong interest in and commitment to interdisciplinary approaches and mixed-methods research, a passion for engaging with diverse stakeholders, and should be either familiar with or interested in environmental planning, human geography, environmental psychology, natural resource decision making, political ecology, and/or other natural resource/conservation social science discipline(s)/field(s). Competitive candidates will also have a strong record of success in their PhD program, and a demonstrated commitment to international work. Finally, competitive candidates will have good oral communication and writing skills, attention to detail, and willingness and ability to both lead efforts and be an effective team member.

To apply: Please submit the following in a single PDF file to Dr. Linda Prokopy via email: (1) cover letter describing your relevant experience and scholarly interests with a clear indication of your preference between the two projects; (2) curriculum vitae; (3) two examples of relevant publications or writing samples; and (4) contact information of three references. Please use the following subject for your email “Post-doc application for position X_First Name Last Name.”

Review of applications will start on **February 4, 2019** and will continue until the position is filled. Women and underrepresented minorities are strongly encouraged to apply. Purdue University is an equal opportunity affirmative action employer. For more information, contact Dr. Linda Prokopy (lprokopy@purdue.edu; 765-496-2221).