

Postdoctoral Associates and Ph.D. Students

Two postdoctoral associates and two Ph.D. students are sought to participate in an NSF-funded interdisciplinary project on complex effects of climate change on nature reserve networks. One postdoctoral associate ("climate postdoc") will lead the efforts in analyzing current climate conditions and climate change scenarios, while the other postdoctoral associate ("network postdoc") will oversee the field data collection across the giant panda geographic range in China and lead the efforts in assessing the effectiveness of nature reserve networks. One Ph.D. student ("plant student") will focus on the plant component (e.g., establish current distribution and future projections of understory bamboo and tree species), while the other Ph.D. student ("wildlife student") will focus on the wildlife component (e.g., analyze current and future panda habitat).

Both postdoctoral associates and Ph.D. students will collaborate and participate in data collection, data analysis and interpretation, manuscript writing, and other professional activities. They will have opportunities to mentor undergraduate students and interact with leading researchers and stakeholders in the USA, China, and some other countries. They will be based at the Center for Systems Integration and Sustainability (www.csis.msu.edu) at Michigan State University (www.msu.edu). Furthermore, the climate postdoc will be affiliated with the Department of Geography (<http://geo.msu.edu/>), while the network postdoc and two Ph.D. students will be affiliated with the Department of Fisheries and Wildlife (www.fw.msu.edu). All of them can also be affiliated with the university-wide Environmental Science and Policy Program (www.espp.msu.edu) and Ecology, Evolutionary Biology, and Behavior Program (www.eebb.msu.edu).

More information about the project is available at <http://csis.msu.edu/research/projects/complex-effects-climate-change-nature-reserve-networks-macroscapes>. Relevant previous publications include those in Nature Climate Change (2013), Nature (2005, 2003), PNAS (2013, 2009, and 2007), Science (2007, 2003, and 2001), and Ecology and Society (2014, 2013) (See <http://csis.msu.edu/research/publications>).

Application materials include: (1) letter of application, (2) statement of professional goals, (3) CV or resume, (4) list of 3-4 references (names and contact information), and (5) up to three representative publications if any. Applicants for the Ph.D. student positions also must submit (6) transcripts, (7) GRE scores, and (8) TOEFL scores (for non-native English speakers only.) (Unofficial copies of GRE, TOEFL and transcripts are OK initially.) Applicants are encouraged to submit their application materials as soon as possible.

Applications for the network postdoc and Ph.D. student positions should be emailed to Dr. Jianguo (Jack) Liu (liuji@msu.edu) and Dr. Andres Vina (vina@msu.edu), and applications for the climate postdoc should be emailed to Dr. Julie Winkler (winkler@msu.edu).