



DETAILED JOB DESCRIPTIONS

Climate Adaptation Specialist

Research Objectives: (1) to synthesize climate adaptation research and combine the information with our CASC climate projections, tools, or other relevant products for resource managers in a defined sub-region of the south-central U.S. (e.g., New Mexico and west Texas); (2) to provide relevant information to help natural and cultural resource managers prioritize management actions that can reduce risk in climate-related decisions at the U.S. Department of the Interior and partner agencies; and (3) to address climate change-related questions from our partners and help to infuse the state-of-the-science into our partners' management planning and implementation. This position will serve as one of our primary boundary spanners between researchers and practitioners.

To fulfill the research objectives above, specific tasks may include:

- Conduct science, data collection, data management, visualization, and product creation related to climate, climate impacts, and climate adaptation in collaboration with government, university, and non-governmental researchers
- Communicate relevant scientific/technical information to a variety of audiences, including scientists and non-scientists, in a variety of venues (e.g., public meetings, scientific conferences, university classrooms).
- Engage with partners in actionable science and provide science-based information as they adapt to, respond to, and plan for climate change in their local jurisdictions;
- Collaborate with USGS, federal/state/tribal agencies, NGOs, etc. to identify research and information gaps including science information, products, datasets, decision support tools, etc. to meet partners' needs for climate adaptation efforts;
- Participate in or lead research-based discussions with regional climate organizations to ensure research and technical support services are not duplicated among programs;
- Synthesize and disseminate the science conducted by the South Central CASC using effective software and through reports, DOI science highlights, and other media in a format accessible and usable for resource managers; and
- As time allows, conduct novel research, climate-related data analysis, or synthesize current research on impacts and adaptation for ecological systems (e.g., aquatic or terrestrial, coastal or inland) in the face of climate change using intermediate programming skills or equivalent data analysis techniques.

Qualifications: They will have a PhD (or Master's Degree with at least 5 years of experience) in ecology, hydrology, physical geography, climate science (broadly interpreted), environmental science, or related fields. They will be able to work efficiently in a remote teamwork setting, to complete multiple projects and tasks with high-quality work, and to coordinate efforts and share results with team members frequently.