

One Montana Climate Impacts Fellowship

Water is our key source of life and livelihood, and especially important in the West. Yet demands and stresses from increasing climate variability, population increase and significant new economic development activities are straining this essential resource in our semi-arid region. Certainly these environmental and social stressors have huge and immediate implications for Montana's cultures, communities and its economies that power our state.

In order to address these challenges at the grassroots level, One Montana is seeking a fellow to work as a researcher and communicator who will inventory, document and annotate all extreme weather events that led to water crises/disasters in the Rocky Mountain west and southwest over the past fifteen years.

The fellow in this position will research and document (via in person meetings, phone calls and standard data mining) examples of extreme weather events that led to water crises/disasters in the Rocky Mountain West and the southwest in the past 15 years. In addition to researching past occurrences, this fellow will also detail any strategies that successfully lessened the intensity of those extreme weather events and suggest potential proactive solutions to adapt to such occurrences in the future. The information this fellow gathers will be used in a variety of venues to inform communities and organizations that are engaged in water quality/quantity projects and conversations.

Location: Bozeman, MT—with potential for travel within the state

Time commitment: 40 hours per week, June-August

Outcomes:

At the end of this project the fellow will have gained:

1. A working knowledge of extreme weather events that led to water crises/disasters in the Rocky Mountain west and southwest over the past fifteen years;
2. An annotated inventory constructively reviewed by experts in adaptation practices in extreme weather events for the fellow's portfolio and for possible use in future presentations;
3. Relationships with a wide variety of agriculture, watershed and community organizations engaged in this work and individuals with expertise on extreme weather events.
4. Direct experience with the operations of a nonprofit;
5. Project management experience;