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## Water Resources Film Project

The Craighead Institute has partnered with the Ruckelshaus Institute of Environment and Natural Resources at the University of Wyoming to produce a film on Wyoming's Water Resources. This project will include current science and information by a variety of experts, as well as the values people have toward Western water resources.

Water in Wyoming is viewed by many as an unlimited resource. As a result, there is relatively little public interest in addressing fundamental problems related to our water supply. What is not commonly known is that water resources, as managed by a variety of compacts and decrees, are in many cases fully allocated. In basins other than the Wyoming River Basin, where additional water may be legally available, drought often leaves water users with actual "wet water" supplies that fall far short of demand. What's more, an overwhelming body of research now shows that a few degrees of warming could result in major water shortages for many areas in the West.

**T**here are many very real scenarios whereby a lack of water could lead to major changes in the way we live and make a living in Wyoming.

This film is intended to spur discussions toward robust water management solutions among resource managers, scientists, decision makers, and the public on the critical subject of Western water resources and how best to use and maintain this finite resource.

- This film will provide a path toward practical, concrete solutions to our water resource challenges.
- With input from citizens and experts, the film will highlight real-world, "on-theground" strategies for managing and conserving water.
- This film will also emphasize the need to create policies that recognize complex linkages among climate, water, energy, cultural values, and ecosystems.

- As a headwaters state, Wyoming provides water to rapidly growing populations downstream along four major U.S. river systems.
- Climate change, a new factor in the Western water equation, will be carefully examined in the film's unfolding story.
- Combining stunning imagery, personal stories, and cuttingedge science, the film will tell the full story of Wyoming's fragile water resources.