

## **Project Summary**

### **Rocky Mountains Cooperative Ecosystem Studies Unit**

**Project Title:** Building Decadal Prediction of Extreme Climate for Managing Water Supply in Intermountain West

**Discipline:** Natural  
**Type of Project:** Research  
**Funding Agency:** Bureau of Reclamation  
**Other Partners/Cooperators:** Utah State University  
**Effective Dates:** 9/19/2013 - 9/30/2015  
**Funding Amount:** \$147,495

**Investigators and Agency Representative:**

USBR Contact:

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**Project Abstract:** The project goal is to provide practical and usable decadal prediction to inform water supply planning for the Wasatch Range Metropolitan Area. Given the close association between the Great Salt Lake level variation and The Colorado River water supply, the project results will also be beneficial to the Colorado River. This project has three objectives that will benefit water agencies and society at large: 1) spatial breadth of the wet-dry pattern, 2) temporal depth of climate constructions, and 3) useful-to- usable decadal prediction.

**Outcomes with completions dates:** September 30, 2015

**Keywords:** climate, water supply, **Intermountain West**, Bureau of Reclamation, Utah State University