

**Project Summary**  
**Rocky Mountains Cooperative Ecosystem Studies Unit**

**Project Title: Effects of Climate-Induced Disturbances on Forest Ecosystems  
in the Western US**

**Type of Project:** Research

**Project Discipline:** Natural

**Funding Agency:** USGS

**Other Partners/Cooperators:** University of Idaho

**Effective Dates:** 9/1/2009 - 7/15/2013

**Funding Amount:** \$366,138 [FY12: \$150,000; FY11: \$142,421; FY10: \$73,717]

**Investigators and Agency Representative:**

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**Agency:** Craig D. Allen, US Geological Survey Jemez Mountains Field Station, 15 Entrance Road, Los Alamos, NM 87544; Phone: 505-672-3861 x541; allenc@usgs.gov

**Project Abstract:**

The objectives of this proposed research are to assess how climate drive insect outbreaks in the western US, predict future patterns of outbreaks based on climate change, and estimate carbon stocks affected by fire and insect disturbances.

**Outcomes with completion dates:** July 15, 2013

**Keywords:** climate change, insect outbreaks, fire, forest ecosystems, Western US, USGS, University Idaho