

Project Summary
Rocky Mountains Cooperative Ecosystem Studies Unit

Project Title: Climatic Drivers of Forest Dynamics
Type of Project: Research
Project Discipline: Natural
Funding Agency: USGS
Other Partners/Cooperators:
Effective Dates: May 1, 2007 – April 30, 2008
Funding Amount: \$24,950.00
Investigators and Agency Representative: Thomas Veblen, Geography Department, University of Colorado at Boulder, phone: 492-8528; email: Thomas.Veblen@colorado.edu
Project Abstract: Under this project we are re-measuring permanent forest plots installed in the early 1980s in the subalpine zone of the Colorado Front Range to study the effects of climatic variation on the demography of the tree populations. The focus of the research is on the role of drought and warming in the mortality of conifer populations. The 25-year record of tree mortality from the permanent plots is being supplemented by tree-ring dating of tree mortality patterns over a time span of more than a century.
Outcomes with completion dates (reports, publications, workshops, videos, etc.):
Keywords: climate change, forest dynamics, western United States