



August 2009

## New Science Initiative Fire and a Changing Climate

The JFSP is interested in sponsoring projects that stimulate and support activities that lead to or advance innovative ideas regarding the interactions of fire, vegetation, and fuels in a changing climate. The Governing Board supports this new research endeavor with 10% of our appropriated funding. The goal is to push the frontiers of knowledge and generate new ideas and concepts. Climate change and fire is one of the emerging topics of interest to fire managers nationwide. These projects are an initial effort to improve our understanding of this issue.

Project ID	Project Title
09-3-01-17	Estimating critical climate-driven thresholds in landscape dynamics using spatial simulation modeling: climate change tipping points in fire management
09-3-01-20	Influences of Large Herbivore Grazing on Succession, Fuels, and Fire Dynamics in a Changing Climate
09-3-01-31	Reconstructing natural fire events, their strength and causes: A case study in Oriole Lake (Sequoia-Kings Canyon National Park, CA)
09-3-01-47	Climate, Fire and Carbon: Tipping Points and Landscape Vulnerability in the Greater Yellowstone Ecosystem
09-3-01-68	Can climate change increase fire severity independent of fire intensity?

Also funded separately were two knowledge summaries related to fire and climate change (see August 2009 Synthesis and Conferences document).

For more information or to view the project proposal abstracts visit the JFSP website at: <http://www.firescience.gov>

*An Interagency Research, Development & Applications Partnership*

