

JFSP Project Progress Report

Date: 23 October 2007

Project Title: *Fuel Consumption and Smoke Emissions from Landscape-Scale Burns in Eastern Hardwoods*

JFSP Project Number: 06-2-1-33

Principal Investigator: *Matthew B. Dickinson*

Federal Cooperator: *Michael Rains*

Total JFSP project funding: \$250,000

Unspent funds to date: \$150,000

Please provide a brief response to each of the following questions:

- 1. What have you accomplished this fiscal year?** (bulleted list format is fine)
 - Held the first project workshop that launched the process of developing smoke management programs (SMP's) for Ohio and Kentucky. A session was also held in which fire managers were trained in the use of smoke management software systems (e.g., FCCS and CONSUME) and field tools (e.g., Natural Fuel Photo Series). A follow-up workshop to review draft SMP's and continue training is currently in planning.
 - Completed analysis of data from experimental burns conducted in FY2006 that were designed to calibrate infrared sensors for total and rate of fuel consumption.
 - Conducted aerial surveillance and on-the-ground monitoring of three prescribed fires, one in Ohio and two in Kentucky and began data analysis process.
 - Presented a poster at a scientific meeting, presented an invited talk on fire monitoring at a workshop, and made a presentation at a training session all related to the fire monitoring work.

2. Are you on schedule to complete the project by the JFSP project end date? If not, what steps are you taking to ensure that you can meet the deliverable date?

Currently, we are on schedule to complete the project by its end date. Important will be completion of the project burns, which are dependent on weather and a range of operational issues.

3. Do you have any other issues or concerns with your project (e.g., issues with sub-agreements)?

There was a need to initiate a new sub-agreement for the project to complete the analysis of the aerial surveillance data. A considerable amount of new development has been required as a part of that process. So far, the new arrangement is functioning adequately.

4. Have there been any changes in the status of the PI, Co-PIs, or the Federal Cooperator? If so, please identify those changes here.

NA.

5. Do you have any comments or concerns that may help JFSP better administer your project?

Not at this time.