

EERD Quarterly Report

Project Title: Observing carbon fluxes and potential climate change impacts from forest land management

PI: Ankur R Desai, University of Wisconsin-Madison

Period: April 1,2010-June 30,2010 (2010 Q2)

Project Period: June 1,2010 – May 31, 2013

Activities:

In the initial grant period, we focused on project initiation. The current quarter includes only one month, as the project started on June 1. Major activities include:

- Acquisition and assembly of new research equipment for the Willow Creek tower site to replace several instruments in poor shape. This has delayed our tower operation, but we expect to be fully operational by late July. We also received high-quality “climate” grade temperature sensors for the tower from the U.S. Forest Service, which we will install in July.
- Submission of longer-term, larger-scale (>\$1 million) proposal to Department of Energy to compare the results from this project to a larger scale observational study on forest disturbance and soil carbon decomposition
- Scoping of bids for acquisition of direct cellular communication system for tower operations
- On-site presentation of site features and science plan to U.S. Forest Service land managers interested in understanding the impact of climate change on forest goods and services