

Monthly Technical Report

(Due to AQRP Project Manager on the 8th day of the month following the last day of the reporting period.)

PROJECT TITLE	Targeted Improvements in the Fire INventory from NCAR (FINN) Model for Texas Air Quality Planning	PROJECT #	14-011
PROJECT PARTICIPANTS (Enter all institutions with Task Orders for this Project)	The University of Texas at Austin ENVIRON International Corporation	DATE SUBMITTED	10/8/14
REPORTING PERIOD	From: November 1, 2014 To: November 30, 2014	REPORT #	5

A Financial Status Report (FSR) and Invoice will be submitted separately from each of the Project Participants reflecting charges for this Reporting Period. I understand that the FSR and Invoice are due to the AQRP by the 15th of the month following the reporting period shown above.

Detailed Accomplishments by Task

A poster has been developed for presentation at the American Geophysical Union Fall Meeting in San Francisco, California during December 15-19, 2014. Extensive efforts this month considered the effects of using alternative global and regional land cover databases on FINN emission estimates during 2012. The current representations of croplands in FINN and other global fire models lack specificity in distinguishing crop types. Our work also addresses cropland characterization and assignment of crop-specific emission factors and fuel loadings.

A copy of the poster is attached to this monthly report.

Data Collected *(Include raw and refine data.)*

As described above.

Identify Problems or Issues Encountered and Proposed Solutions or Adjustments

None this period.

Goals and Anticipated Issues for the Succeeding Reporting Period

The team will continue to analyze differences in vegetation distributions and fuel loadings of the various global and regional land cover products under consideration and their effects on FINN estimates of CO, PM_{2.5}, NO_x, and other atmospheric pollutants.

Detailed Analysis of the Progress of the Task Order to Date *(Discuss the Task Order schedule, progress being made toward goals of the Work Plan, explanation for any delays in completing tasks and/or project goals. Provide justification for any milestones completed more than one (1) month later than projected.)*

Ongoing.

Submitted to AQRP by:

Principal Investigator: Elena McDonald-Buller