

FETS Project, 2007-2011

Data Acquisition

- New user support.
- Existing user support.
- Find/set up new data streams.

25%

20%

Ops and Maintenance

- Website maintenance and updates.
- Project updates and conference calls.
- Technical Node maintenance and updates.

20%

10%

Training

- User webinars (for data providers, planners, etc.)
- Project planning workshops.

10%

0%

Emissions Inventory Calculation and Reporting

- Improve/extend emission factors and fuel loadings.
- Addition of NEI reporting format.
- Improvements in user access.

20%

35%

Emissions Inventory/FETS Improvements

- Addition of NEI tools.
- Addition of Hazard Mapping System (satellite fire detects) and other map tool improvements.

25%

35%

DEASCO3 Project, 2011-2013

Data Acquisition

- Extend FETS to include all states.
- Modify to accept satellite events and polygon data.

Ops and Maintenance

- Maintain functions necessary to support DEASCO3.

Emissions Inventory Calculation and Reporting

- Enhance inputs for fuel moisture by incorporating MODIS vegetation health and daily rainfall maps.
- Enhance inputs for burn intensity by incorporating MTBS burn mosaic data.
- Add NASS agricultural land use maps and 30m FCCS map for fuel loading assignment.

Emissions Inventory/FETS Improvements

- Build reconciliation algorithm to create daily acreage for large fires using satellite data and fire perimeters.
- Compile; essential QA/QC; add pollutants; identify gaps; format for delivery and subsequent use in state, FLM, EPA, and WRAP Photochemical Grid Modeling projects.
- Publish planning-grade emission inventory for 2008.