

FETS & EPA's NEI

Providers, Features, Lessons Learned

August 31, 2009
FETS Project Meeting
Boise, ID



DENVER • PORTLAND

NEI Highlights

- Fires are now classified as 'Events'
 - Classified in space and time (daily resolution)
 - Unique shape/location for each day
 - Capable of accepting shapefile polygons
 - Detailed fire science characteristics
- All Fire SCCs from previous years persist
 - Wildfire, WFU
 - Prescribed, Agricultural, Native American Fire Use
 - Natural Disaster Cleanup, Other Fire (e.g. structures)

NEI Highlights

- Basis for the 2008 Fire NEI
 - 'preliminary inventory' developed with SMARTFIRE and the BlueSky Framework
 - Reconciles Satellite-based fire detections with ground-based data (primarily ICS-209 data).
 - Detects with no corroborating ground-based data are classified as 'Unknown'
 - S/L/Ts must make data 'available' to SMARTFIRE prior to preliminary inventory for it to be 'reconciled'.
 - Specifically suggest submitting fire to FETS
 - No instructions for submitting data directly to SMARTFIRE
- S/L/Ts responsible for reconciling results of preliminary inventory after it is developed

NEI Highlights

Steps after Preliminary Inventory developed

- S/L/Ts may submit alternative data. Will exist side-by-side with preliminary inventory.
- S/L/Ts may download, review, edit, and re-submit the preliminary inventory.
 - Editing *cannot* be done in the EIS Gateway environment
 - Any edits to an Event require uploading the entire Event back to the EIS Gateway
- 'Unknown' events must be manually reconciled with S/L/T data (or not. Depends on if S/L/T data was provided to preliminary inventory).

NEI Timeline

January 1 - July 1, 2009

- S/L/Ts Make their fire data “available” to the EPA. For the WRAP region, this means submitting data to the FETS.

July 1 - October 1, 2009

- EPA develops the Preliminary Inventory (P.I.).

July 1, 2009 - June 1, 2010

- S/L/Ts may submit their own data directly to EPA via the EIS Gateway (separate from P.I.).

NEI Timeline

June 4 - July 16, 2010

- EPA selects a draft National Fire Emissions Inventory from the P.I. and S/L/T submittals.

July 19 - October 30, 2010

- Review and Comment on the draft inventory.

December 31, 2010

- General Public Release of the Final National Fire Emissions Inventory.