

FETS Webinar NEI Support Tools

18 January 2011



DENVER • PORTLAND

Webinar Outline

- Opening Remarks (why we're here)
- Status of NEI from EPA's perspective
- Part 1: Broad NEI Tools Outline
 - Approaches to building a Fire NEI
 - What the tools can and cannot do
 - Three levels of QC and analysis
- Part 2: Detailed tool demo (Open-ended)
 - Questions about particular functions
 - Examples of specific tasks
 - Other help and questions

Opening Remarks

The 2008 NEI brought new challenges for fire...

- New reporting requirements introduced
- A draft Fire EI was built with satellite data (“SEI”) with no State/Tribe input
- FETS has been collecting data, but there has not been a good way to report it

EPA provided funding to

- Allow States and Tribes to report their FETS data
- Compare FETS data to the SEI
- Provide comments on the SEI

Status of EPA's NEI Schedule

- Version 1 (v1) closed on 11/1/2010
- Fire NEI now on a different schedule
 - Problems discovered with SEI
 - Wildfires not processed correctly
 - Agricultural data never fully processed
 - Want to have Fire ready for NEI v2
- Schedule for the release of v2 is unknown
 - Tentatively May-June 2011
 - Pushing for corrected SEI *ahead of* v2 development
 - All FETS-based reporting likely needs to be done by late Spring

Section 2

NEI TOOLS OVERVIEW

Approaches to the 2008 Fire NEI

1. Accept the EPA SEI unequivocally
 - Hooray, you're done
2. QC and comment on the EPA SEI
 - No data submitted by State/Tribe
 - Reject and/or edit EPA data set
3. Supplement EPA SEI with FETS data
4. Replace the SEI with FETS data

Approaches to the 2008 Fire NEI

1. Accept the EPA SEI unequivocally
 - Hooray, you're done

2. QC and comment on the EPA SEI
 - No data submitted by State/Tribe
 - Reject and/or edit EPA data set

3. Supplement EPA SEI with FETS data

4. Replace the SEI with FETS data

Summary Excel Export

- Export tabular EPA data
- Choose all, rejected, or accepted FETS data
- Summarize/compare by month, e.g. (pivot tables)

Event Pop-up Windows

- QA/QC FETS Data
 - Correct Bad Location
 - Correct Fuel Loading, County
 - Examine emissions inputs
- Comment on EPA Events
 - Request rejection
 - Flag inaccuracies

Primary Map Display

- Compare EPA and FETS
 - Spatially
 - By fire Type
 - By day
- Summarize by County
 - Events, Acres, Emissions
 - FETS, EPA, or Both

Edit/Analyze

Compare

Summarize

- **The NEI System *can*:**
 - Select and QC FETS burns for the NEI
 - Comment on and flag EPA SEI data
 - Assign Tribal codes to SEI data
 - Create a Non-Federal Rangeland data set
 - Export a file ready for submittal to the NEI containing FETS data and EPA data comments/reassignments
- **The NEI System *cannot*:**
 - Actually submit data to the EPA for you
 - Make 'batch' selections or assignments over multiple days.