

# *WRAP FETS Webinar 2: Smoke Management Programs*

## *Data Management in the FETS*

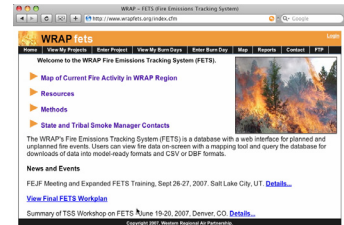
**January 14, 2009, 1000 MDT**

### WEBINAR OBJECTIVES:

- Inform Smoke Management Programs of relevant features and functions of the FETS.
- Review upcoming work in 2009 and brainstorm ideas for additional, helpful reporting features.

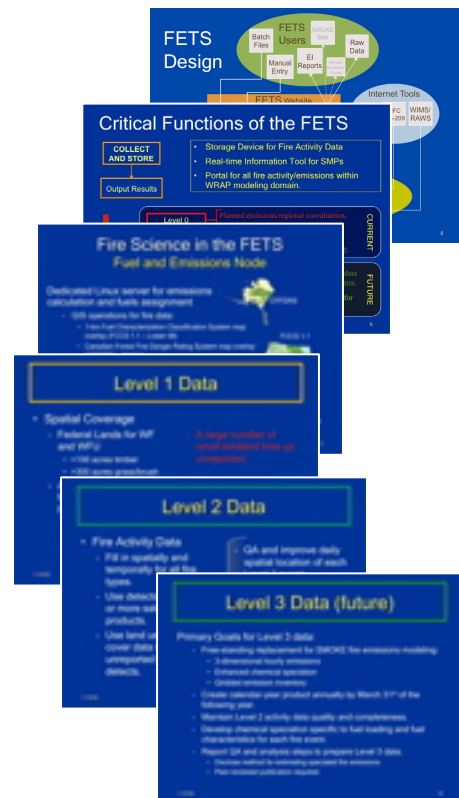
### 1. Opening Remarks

- a. The [Fire Emissions Tracking System \(FETS\)](#) was built for Western Regional Air Partnership ([WRAP](#)) states and Tribes and is intended for regional coordination of fire activity and storage/retrieval of fire activity and emissions data.
- b. FETS can accept data pertaining to any fire type (e.g., wildfire, prescribed fire, agricultural burning, rangeland burning) in any geographic area.
- c. The FETS is intended to support Smoke Management Programs by providing real-time regional coordination tools, *useful* reporting options, and a portal to store and access all types of fire data relevant to your program.



### 2. FETS design and functions

- a. Commodity-based, modular design
- b. Critical functions
  - i. Collect and Store fire data (portal).
  - ii. QC Levels 0, 1, 2, 3
- c. The FETS Technical Node
  - i. GIS Functions
  - ii. Fuels and Emissions Estimates
  - iii. ERTs
- d. Level 1 fire data
  - i. Characteristics, spatial coverage
  - ii. Data Acquisition
- e. Level 2 fire data (2009 - future)
- f. Level 3 fire data (future)



### 3. Data Acquisition and Storage

- a. Minimum required data elements (per WRAP policy)

*Location    Date    Size    Source Type    Burn Type*

- b. Review of current data upload methods

- i. Manual data entry
- ii. Batch file [FTP upload](#)
- iii. Automated data-mining

- c. Quality Control for uploaded data

- i. Automated Error checking
- ii. Email error reports

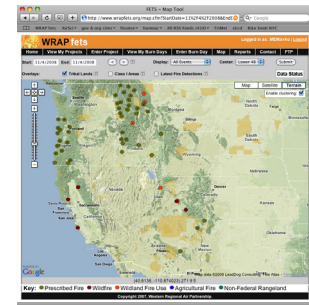
- d. Organization of fire data in the FETS database

Project ID	Project Name	State	Agency
212006	0552252601	OR	Private
212007	0720200901	OR	Private
212008	07400202402	OR	Private
212009	07400202402	OR	US Department of Interior (USIS-RLM)
212010	07400202209	OR	US Department of Interior (USIS-RLM)
212011	07400202402	OR	U.S. Forest Service
212012	07400202403	OR	U.S. Forest Service
212013	07400202403	OR	Private
212014	07400202403	OR	U.S. Forest Service
212015	08000100000	OR	Private
212016	08000100000	OR	U.S. Forest Service
212017	08000100000	OR	U.S. Forest Service
212018	04000100000	OR	US Department of Interior (USIS-RLM)
212019	04000100000	OR	U.S. Forest Service
212020	04000100000	OR	Private
212021	07400202402	OR	Private
212022	07400202402	OR	U.S. Forest Service
212023	04000100000	OR	U.S. Forest Service
212024	04000100000	OR	U.S. Forest Service
212025	04000100000	OR	Private
212026	07400202402	OR	U.S. Forest Service
212027	04000100000	OR	U.S. Forest Service
212028	04000100000	OR	Private
212029	04000100000	OR	Private
212030	04000100000	OR	Private
212031	04000100000	OR	Private
212032	04000100000	OR	Private
212033	07400202402	OR	US Department of Interior (USIS-RLM)

### 4. Regional Coordination Tools

- a. Mapping Tool [page](#)

- i. Fire icon clusters
- ii. Tribal, Class I areas overlays
- iii. Summarize by county, state
- iv. MODIS fire detections



- b. Data Acquisition Status Table

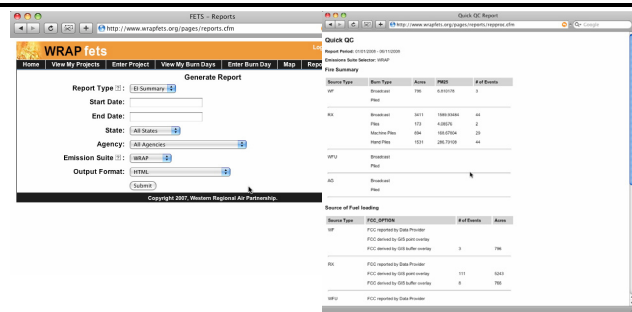
- i. Date of last acquisition
- ii. Acquisition by fire type
- iii. Data coverage

Source	WF	WFO	AK	AG	HW	Last	Remarks	Domain
212009						04/14/08	WRAP Waiver	
AK						N.D.	N.D.	No Data
AZ						N.D.	N.D.	No Data
CA - WFS						N.D.	N.D.	No Data
CO						N.D.	N.D.	No Data
ID - Agriculture						N.D.	N.D.	No Data
MT - Agriculture						N.D.	N.D.	No Data
WY - Ranchland Exp.						N.D.	N.D.	No Data
ND						N.D.	N.D.	No Data
OR - Dept. of Forestry						04/14/08	Federal/State/Private	
OR - Agriculture						N.D.	N.D.	No Data
SD						N.D.	N.D.	No Data
UT						N.D.	N.D.	No Data
WA - DMU						04/14/08	State Waiver	
WV - Dept. of Energy						N.D.	N.D.	No Data
WY						N.D.	N.D.	No Data
Mont. Parks Tribals						N.D.	N.D.	No Data

State and Tribal Smoke Manager Contacts
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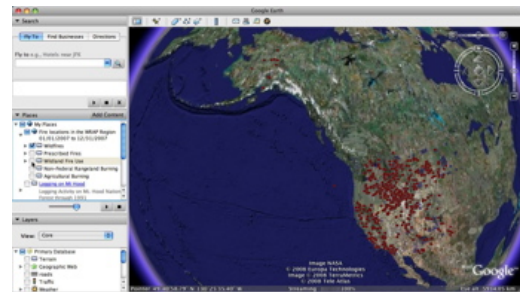
## 5. Reporting Features

- a. On-screen [reports](#)
  - i. EI Summary
  - ii. "Quick QC"
  - iii. Others ??



- b. XLS downloads

- c. Google Earth



## 6. Closing Remarks.

- a. Questions, Comments, and other Feedback.

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