

WRAP FETS Webinar 2: Smoke Management Programs

Data Management in the FETS

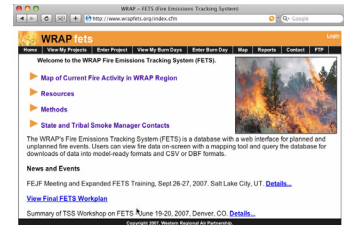
January 14, 2009, 1000 MDT

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.

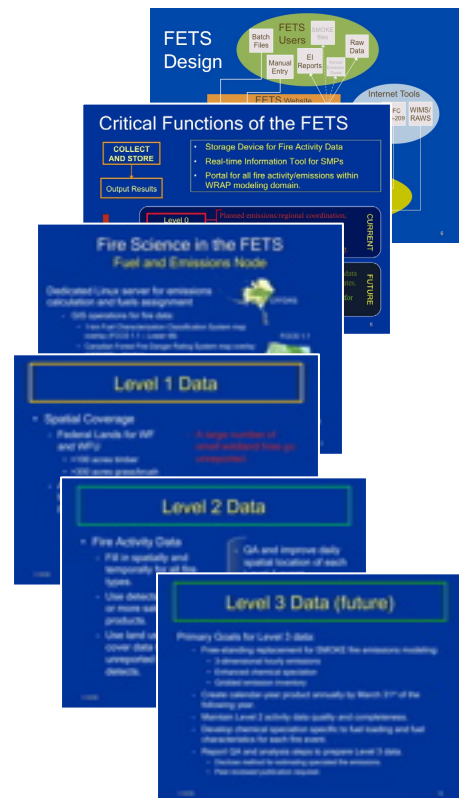
1. Opening Remarks

- 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

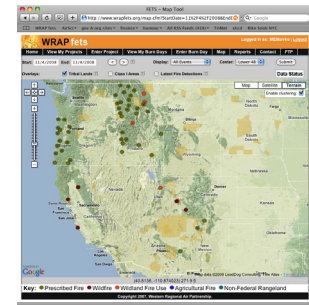
- d. Organization of fire data in the FETS database

Project ID	Project Name	State	Agency
212006	0552252601	OR	Private
212007	0720200901	OR	Private
212008	0740020242	OR	Private
212009	0740020242	OR	US Department of Interior (USIS-RLM)
212010	07400202209	OR	US Department of Interior (USIS-RLM)
212011	0740020242	OR	U.S. Forest Service
212012	07400202403	OR	U.S. Forest Service
212013	07400202403	OR	Private
212014	07400202403	OR	U.S. Forest Service
212015	08000102000	OR	Private
212016	08000102000	OR	U.S. Forest Service
212017	08000102000	OR	Private
212018	04000104000	OR	US Department of Interior (USIS-RLM)
212019	04000104000	OR	U.S. Forest Service
212020	04000104000	OR	Private
212021	07400202403	OR	Private
212022	07400202403	OR	U.S. Forest Service
212023	04000104000	OR	U.S. Forest Service
212024	04000104000	OR	Private
212025	04000104000	OR	Private
212026	07400202403	OR	U.S. Forest Service
212027	04000104000	OR	U.S. Forest Service
212028	04000104000	OR	Private
212029	04000104000	OR	Private
212030	04000104000	OR	Private
212031	04000104000	OR	Private
212032	04000104000	OR	Private
212033	07400202403	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

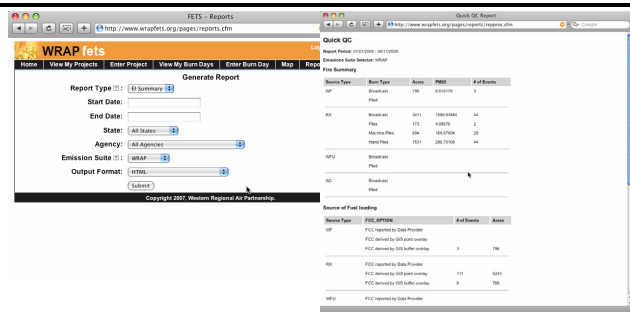
- i. Date of last acquisition
- ii. Acquisition by fire type
- iii. Data coverage

Source	WF	WFO	RK	AG	HR	NR	Last	Domestic
212009	✓	✓	✓	✓	✓	✓	04/14/08	WRAP/WRAP
AZ	-	-	N.D.	N.D.	N.D.	-	No Data	State/Other - HR in
CA - WRS	-	-	N.D.	N.D.	N.D.	-	No Data	State/Other
CO	-	-	N.D.	N.D.	N.D.	-	No Data	State/Other
ID - Agriculture	-	-	N.D.	-	-	-	No Data	State/Other
MT - Agriculture	-	-	N.D.	-	-	-	No Data	State/Other
WY - Ranchland Exp.	-	-	N.D.	N.D.	N.D.	-	No Data	State/Other/Land
NE	-	-	N.D.	N.D.	N.D.	-	No Data	State/Other
OR - Dept. of Forestry	✓	✓	✓	✓	✓	✓	04/14/08	Federal/State/Private
OR - Agriculture	-	-	N.D.	-	-	-	No Data	State/Other
SD	-	-	N.D.	N.D.	N.D.	-	No Data	State/Other
UT	-	-	N.D.	N.D.	N.D.	-	No Data	State/Other
WA - DMU	-	-	N.D.	N.D.	N.D.	-	No Data	State/Other
WV - Dept. of Energy	-	-	N.D.	N.D.	N.D.	-	No Data	State/Other
WY	-	-	N.D.	N.D.	N.D.	-	No Data	State/Other
Mont. Parks Tribes	-	-	N.D.	N.D.	N.D.	-	No Data	Mont. Parks Tribes/Land

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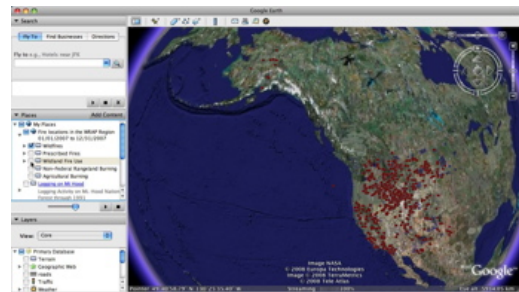
5. Reporting Features

- 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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