



Presentation will discuss the role of the DATA MANAGER within the WFDSS application.

OBJECTIVES:

- **Define Data Manger Role, Strategic Objectives, Management Requirements, Fire Management Units**
- **Create Fire Management Unit (FMU) Names and Codes**
- **Create Strategic Objectives from Land and Fire Management Plans**
- **Create Management Requirements from Land and Fire Management Plans**

Data Manager:

- **Enters and maintains the overarching strategic objectives / management requirements and fire management unit associations for individual agency units per land and fire management plans.**
- **Data Manager role would probably be assigned to the fire planner or the individual who contributed objectives to the fire management or land management plans.**

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Data Manager role would probably be assigned to the fire planner or the individual who contributed objectives to the fire management or land management plans.

Strategic Objectives and Management Requirements entered by the Data Manger are different than the Incident Specific Objectives and Incident Requirements. The Incident Specific Objectives and Incident Requirements are developed by the Author Role during decision documentation. Incident Specific Objectives and Requirements will contribute to the development of Incident Daily Action Plans.

Strategic Objective:

- **These are broad statements, specified in land and resource management and fire management plans that identify changes in water, soil, air, or vegetation from the present to proposed conditions but can also describe an existing resource condition that should be maintained.**
- **Objectives deal with large areas over long time periods and project intended outcomes of management activities that contribute to the maintenance or achievement of desired conditions.**

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Management Requirement:

- Management Requirements are derived from land and resource management plan and fire management plan standards and guidelines information.
- They represent the recommended technical and scientific specifications for management activities and/or potential actions to help achieve objectives across broad areas in general terms.
- They provide the foundation, framework, and limitations/challenges for potential management activities.
- Management Requirements are not commitments or final implementation decisions.

Example statement:

Management of wildland and prescribed fire should avoid adding smoke into the Grand Canyon viewshed.

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Example statements:

Management of wildland and prescribed fire should avoid adding smoke into the Grand Canyon viewshed.

Mechanical firelines should not be constructed on erosive X, Y, and Z type soils nor on slopes greater than 30 percent.

In the Rocky Gorge management area, when perimeter control is the response to wildfire, natural barriers should be used as firelines.

Fire camps staging areas, helibases should be located on lands that:

- (a) *Are not forested;*
- (b) *Are adjacent to a well-maintained forest road (36 CFR 212.1);*
- (c) *Have less than 5 percent slope; and*
- (d) *Are 100 feet or more from all bodies of water, wetlands, and trails.*

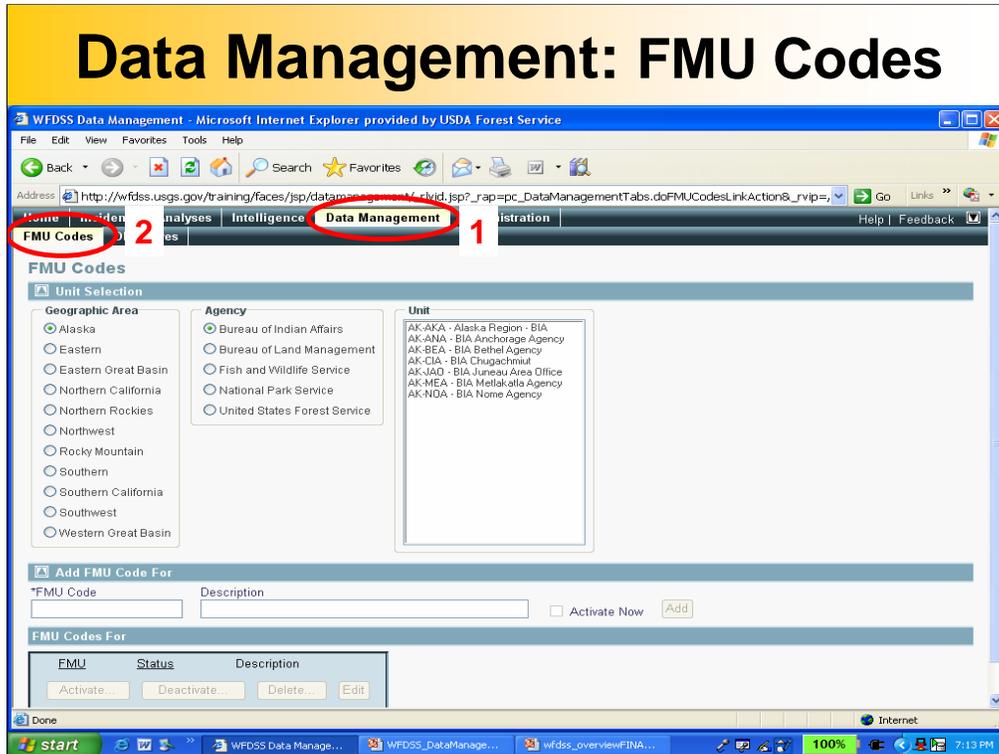
Responses to wildland fire and fuels management activities should avoid loss due to fire in the Old Heritage Area.

To avoid unacceptable risks of erosion, mechanical firelines should not occur on slopes greater than 30 percent or on the highly erosive X, Y and Z soil types.

Fire Management Unit:

- *NWCG Definition: A land management area definable by objectives, management constraints, topographic features, access, values to be protected, political boundaries, fuel types, major fire regime groups, etc. that set it apart from the characteristics of an adjacent FMU.*
- *The FMU may have dominant management objectives and pre-selected strategies assigned to accomplish these objectives.*

Create FMU Codes

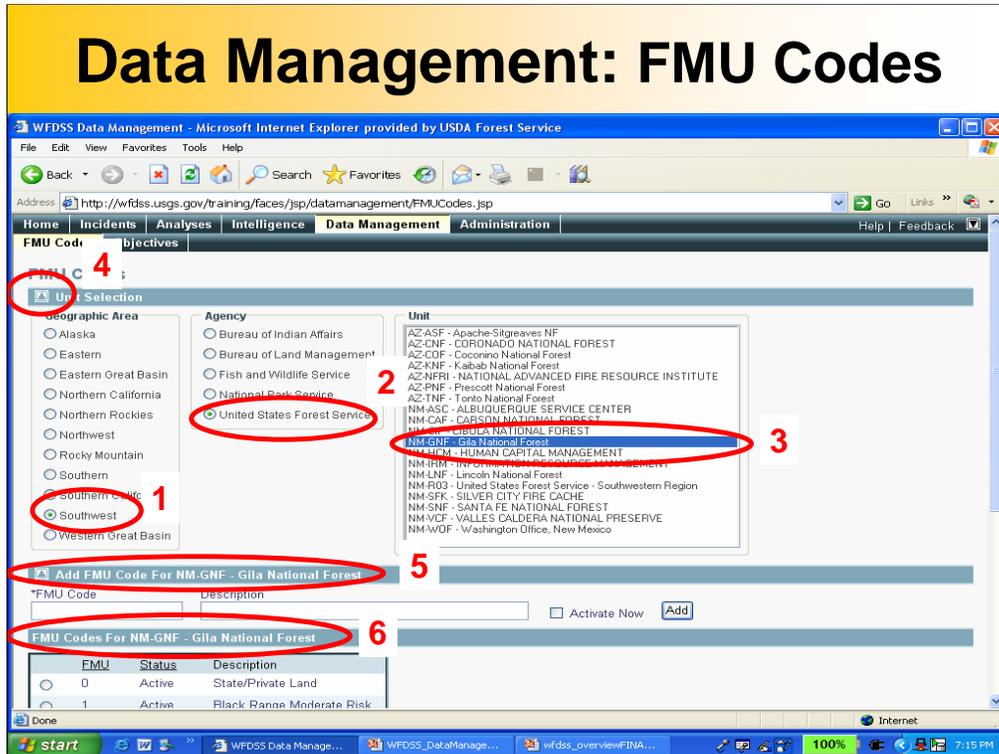


We will now discuss entering Fire Management Unit information.

- (1) We will now navigate to the DATA MANAGEMENT tab to Create FMU Codes.
- (2) Click on the FMU Codes tab to Create Fire Management Unit descriptions and codes.

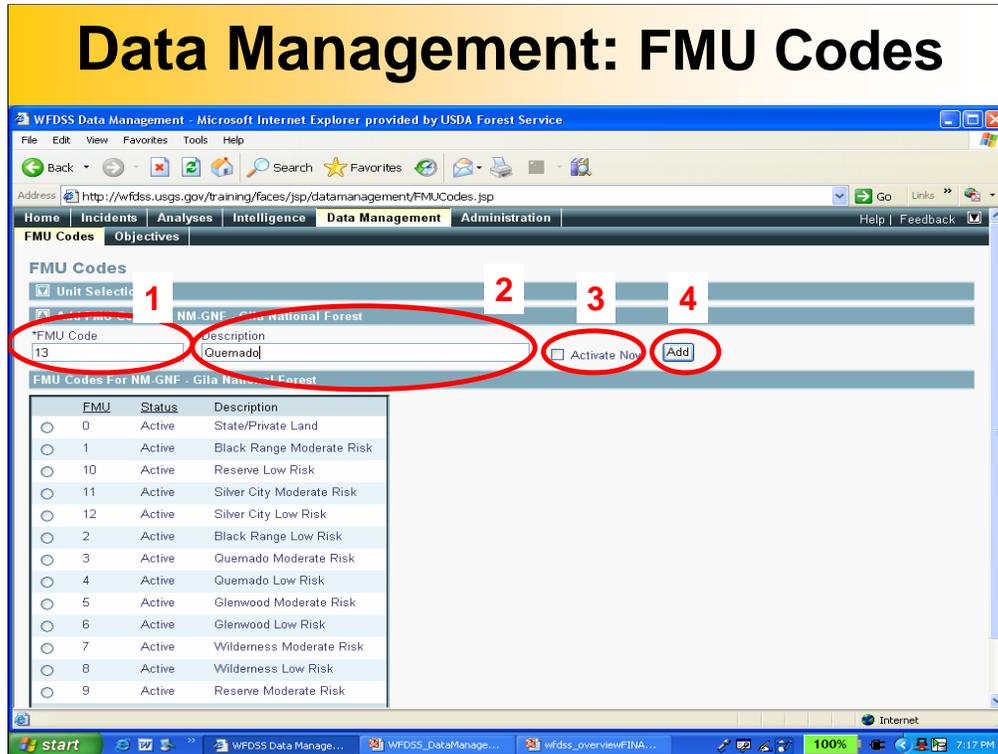
FMU Codes will be used in the future to link to spatial data for fire management units.

Data Management: FMU Codes



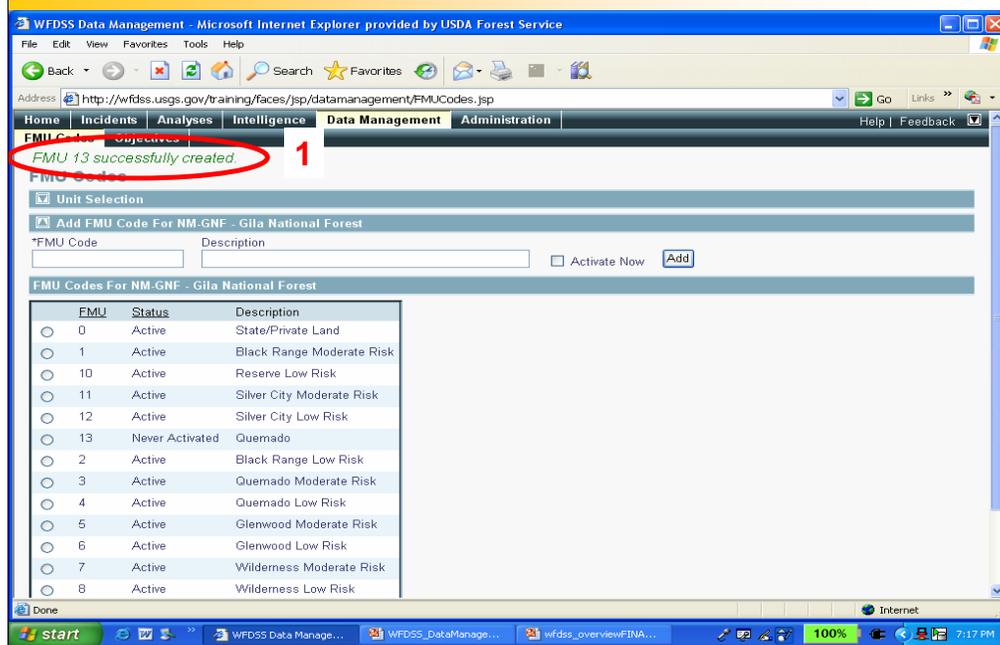
- (1) We will select the Geographic Area.
- (2) We will next select the Agency.
- (3) Finally we will select the Unit.
- (4) When the screen reloads, we will click on the arrow button to collapse the Unit Selection tool.
- (5) We should now see a box to ADD FMU Codes for the unit we selected.
- (6) If we already have FMU Codes entered, below the ADD box we will see a list of FMUs previously created.

Data Management: FMU Codes



- (1) Enter FMU Code. This code will be utilized in the future to link your Strategic Objectives and Management Requirements to spatial FMU Data. The FMU Code needs to match the code used in the spatial data layer of FMU polygons.
- (2) Enter FMU Description/Name.
- (3) Choose to activate FMU for use now by clicking ACTIVATE NOW.
- (4) Click add to create FMU Code.

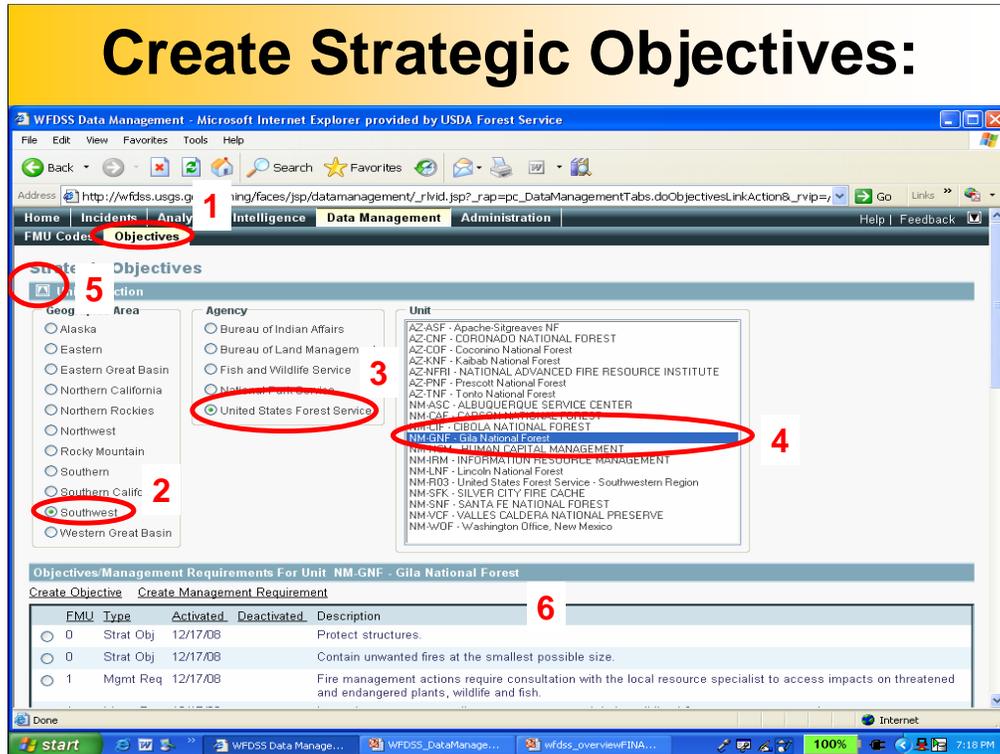
Data Management: FMU Codes



- (1) A message at the top of the screen will appear to show you that your FMU was successfully created.

Create Strategic Objectives

Create Strategic Objectives:



- (1) We will select the OBJECTIVE tab to create strategic objectives and management requirements.
- (2) We will next select the Geographic Area.
- (3) We will select the Agency.
- (4) Finally we select the Unit.
- (5) When the screen reloads, we will click on the arrow button to collapse the Unit Selection tool.
- (6) If we already have Strategic Objectives and Management Requirements entered, we will see a list of all previously created Strategic Objectives and Management Requirements.

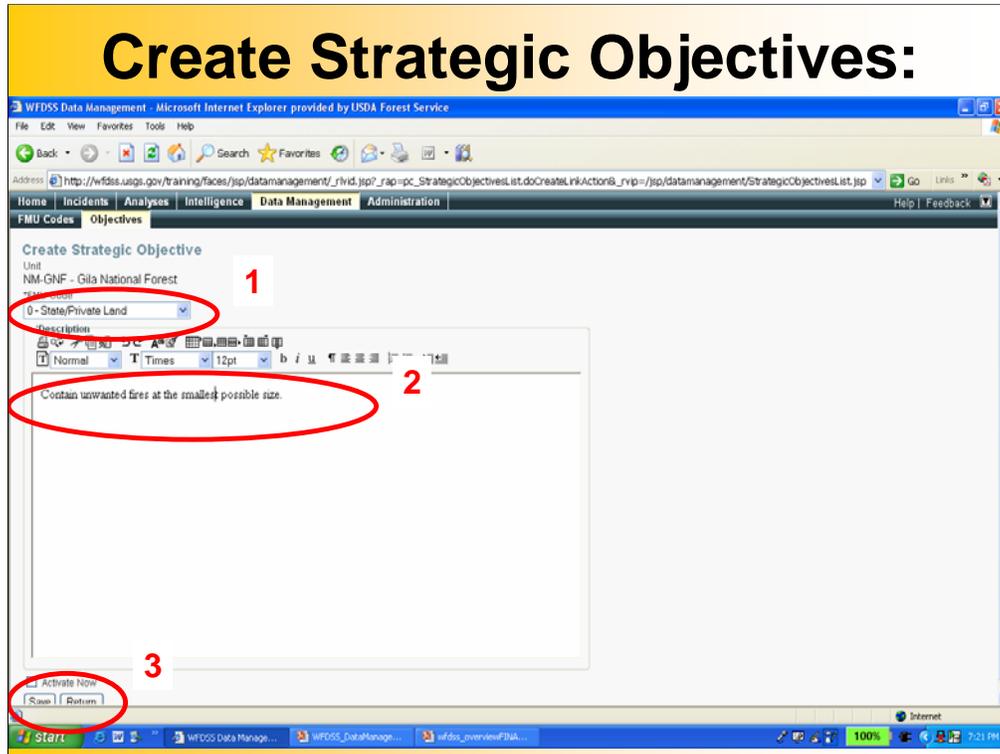
Create Strategic Objectives:

The screenshot shows the WFDSS Data Management web application in Microsoft Internet Explorer. The page title is "Strategic Objectives". Below the title, there are two links: "Create Objective" and "Create Management Requirement". The "Create Objective" link is circled in red, and a red number "1" is placed next to it. Below the links is a table with columns: "EMR", "Type", "Activated", "Deactivated", and "Description". The table contains several rows of data, including "Strat Obj" and "Mgmt Req" entries with their respective dates and descriptions.

EMR	Type	Activated	Deactivated	Description
<input type="radio"/>	0	Strat Obj	12/17/08	Protect structures.
<input type="radio"/>	0	Strat Obj	12/17/08	Contain unwanted fires at the smallest possible size.
<input type="radio"/>	1	Mgmt Req	12/17/08	Fire management actions require consultation with the local resource specialist to access impacts on threatened and endangered plants, wildlife and fish.
<input type="radio"/>	1	Mgmt Req	12/17/08	Insure impacts to range allotments are assessed during wildland fire management operations.
<input type="radio"/>	1	Mgmt Req	12/17/08	Human life, firefighter and public safety is the highest priority and will determine all wildland fire and fuels treatment actions.
<input type="radio"/>	1	Mgmt Req	12/17/08	During suppression actions, work with private landowners to obtain permission to cross private land, cut fences, or use privately owned facilities (ditches, water sources, etc.) before entering private land or affecting private facilities. Keep records and promptly inform the landowner(s) of actions taken on private lands or affecting private facilities.
<input type="radio"/>	1	Mgmt Req	12/17/08	Apply control measures as directed by the appropriate Air Quality Bureau (AQB) during air pollution episodes (e.g., no new ignitions during declared episodes).
<input type="radio"/>	1	Mgmt Req	12/17/08	Assign a qualified archeologist as a resource advisor to any wildland fires potentially or actually burning in areas with a high probability of heritage resource sites.
<input type="radio"/>	1	Mgmt Req	12/17/08	Identify noxious weed control and mitigation measures.
<input type="radio"/>	1	Mgmt Req	12/17/08	Avoid impacts to riparian areas, including heavy equipment, chemical retardant, and incident facilities.
<input type="radio"/>	1	Strat Obj	12/17/08	Wildland Fire Use allowed when Beaverhead RAWs, 7-day average ERC-K is below the 95th percentile.
<input type="radio"/>	1	Strat Obj	12/17/08	Ecosystems are restored and maintained, consistent with land uses and historic fire regimes and condition class utilizing wildland fire use, prescribed fire, and mechanical fuel treatments.

(1) To create a new Strategic Objectives, click on the CREATE OBJECTIVE hyper text.

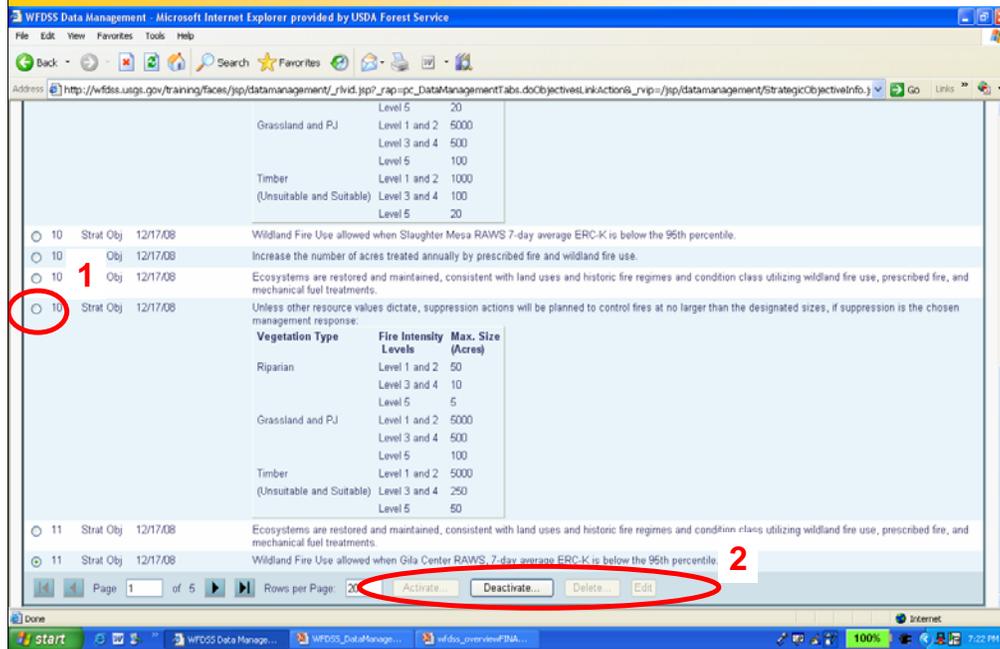
Create Strategic Objectives:



- (1) Choose a FMU Code from a drop down list of FMUs. This list was created from the first part of this lesson where we created FMU Codes.
- (2) Enter your Strategic Objective from Land and Fire Management Plans.
- (3) When finished, you can choose to activate the objective now by clicking the ACTIVE NOW box. You can then click SAVE to save your objective and return to the objective list. If you choose NOT to save your objective, simply click RETURN to return to the objective list.

The Text Editor box for free text will have hover text associated with the icons to help the users better utilize the Text Editor.

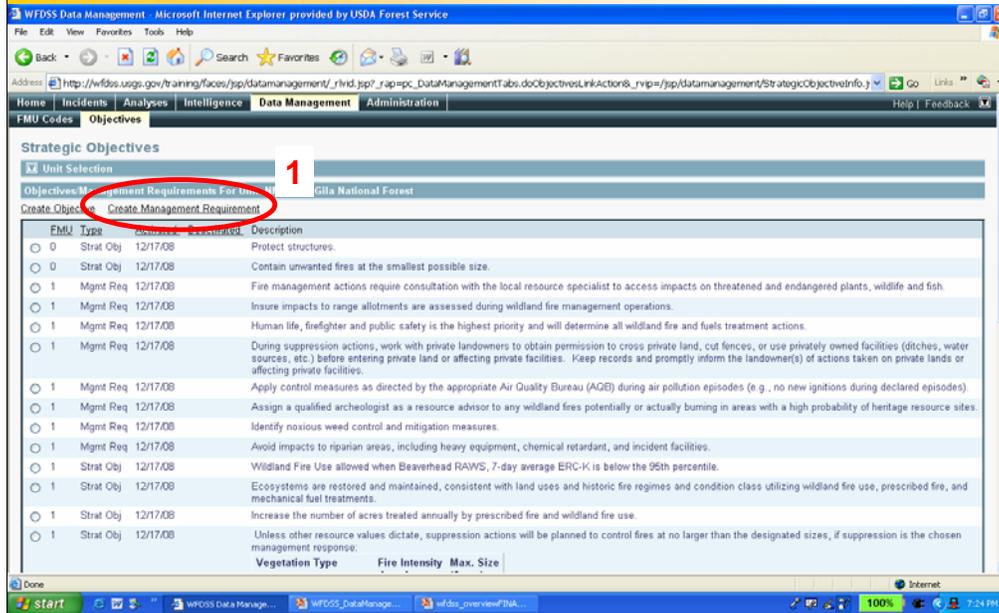
Create Strategic Objectives:



- (1) Data Managers can click the radio button next to a Strategic objective or Management Requirement to select.
- (2) Once there is a selection, Data Managers will be able to ACTIVATE or DEACTIVATE and objective or requirement. If an objective or requirement was never ACTIVATED, it can be EDITED or DELETED. Once an objective or requirement is ACTIVATED, it can only be DEACTIVATED. This statement means that once an objective is activated, it can never be edited or deleted. This action leaves a track log in the system of all objectives and requirements that were active in the decision system. It prohibits someone other than the Data Manager from changing objectives/requirements that have been entered per Land and Fire Management Plans.

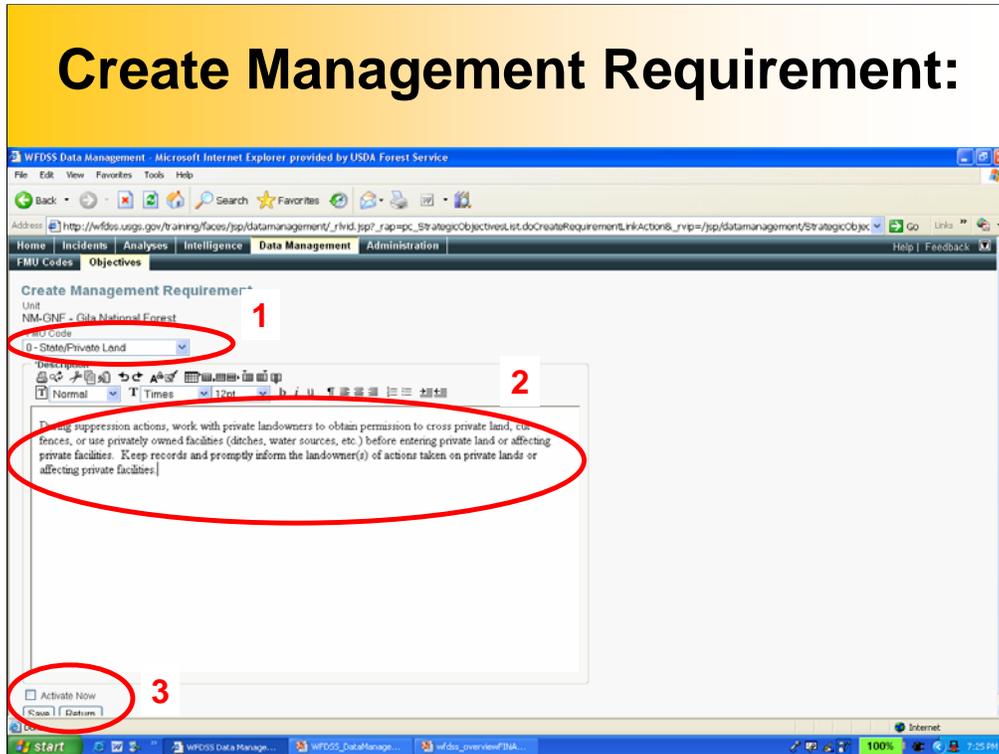
Create Management Requirements

Create Management Requirement:



(1) Click the CREATE MANAGEMENT REQUIREMENT hyper text to create management requirements.

Create Management Requirement:



- (1) Choose a FMU Code from a drop down list of FMUs. This list was created from the first part of this lesson where we created FMU Codes.
- (2) Enter your Management Requirement from Land and Fire Management Plans.
- (3) When finished, you can choose to activate the objective now by clicking the ACTIVE NOW box. You can then click SAVE to save your management requirement. If you choose NOT to save your objective, simply click RETURN to return to the objective list.

Strategic Objective / Management Requirement:

The screenshot shows a web browser window displaying the WFDSS Data Management interface. The page title is "Strategic Objectives" and it is for Unit "NM GNF - Gila National Forest". The interface includes a navigation menu with options like "Home", "Incidents", "Analyses", "Intelligence", "Data Management", and "Administration". Below the navigation, there are links for "Create Objective" and "Create Management Requirement".

FMU Type	Activated	Deactivated	Description
0	Strat Obj	12/17/08	Protect structures.
0	Strat Obj	12/17/08	Contain unwanted fires at the smallest possible size.
1	Mgmt Req	12/17/08	Fire management actions require consultation with the local resource specialist to access impacts on threatened and endangered plants, wildlife and fish.
0	Mgmt Req	12/17/08	Insure impacts to range allotments are assessed during wildland fire management operations.
0	Mgmt Req	12/17/08	Human life, firefighter and public safety is the highest priority and will determine all wildland fire and fuels treatment actions.
1	Mgmt Req	12/17/08	During suppression actions, work with private landowners to obtain permission to cross private land, cut fences, or use privately owned facilities (ditches, water sources, etc.) before entering private land or affecting private facilities. Keep records and promptly inform the landowner(s) of actions taken on private lands or affecting private facilities.
0	Mgmt Req	12/17/08	Apply control measures as directed by the appropriate Air Quality Bureau (AQB) during air pollution episodes (e.g., no new ignitions during declared episodes).
0	Mgmt Req	12/17/08	Assign a qualified archeologist as a resource advisor to any wildland fires potentially or actually burning in areas with a high probability of heritage resource sites.
0	Mgmt Req	12/17/08	Identify noxious weed control and mitigation measures.
0	Mgmt Req	12/17/08	Avoid impacts to riparian areas, including heavy equipment, chemical retardant, and incident facilities.
0	Strat Obj	12/17/08	Wildland Fire Use allowed when Beaverhead RAWFS, 7-day average ERC-K is below the 95th percentile.
0	Strat Obj	12/17/08	Ecosystems are restored and maintained, consistent with land uses and historic fire regimes and condition class utilizing wildland fire use, prescribed fire, and mechanical fuel treatments.
0	Strat Obj	12/17/08	Increase the number of acres treated annually by prescribed fire and wildland fire use.
0	Strat Obj	12/17/08	Unless other resource values dictate, suppression actions will be planned to control fires at no larger than the designated sizes, if suppression is the chosen management response.

At the bottom of the table, there are columns for "Vegetation Type", "Fire Intensity", and "Max. Size".

Strategic Objectives and Management Requirements can be entered in any format that the Unit prefers. This slide is one example of data entry.

Strategic Objective / Management Requirement:

WFDSS Data Management - Microsoft Internet Explorer provided by USDA Forest Service

Address: http://wfdss.usgs.gov/training/faces/jsp/datamanagement/StrategicObjectivesList.jsp

Home Incidents Analysis Intelligence Data Management Administration Help Feedback

FMU Codes Objectives

Strategic Objectives

Unit Selection

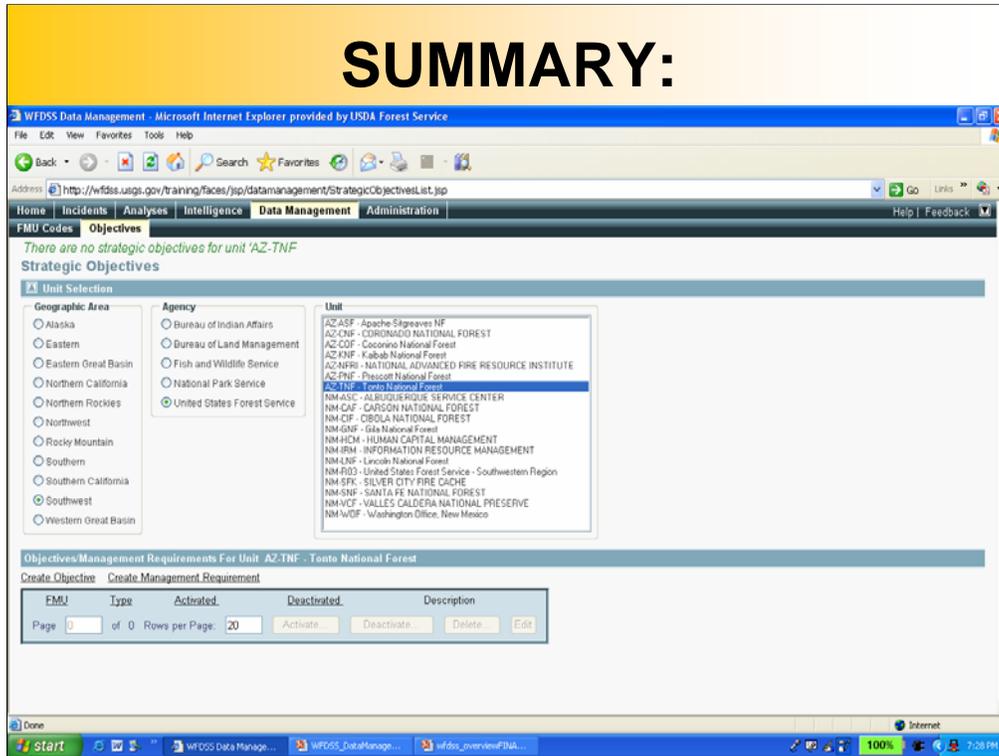
Objectives/Management Requirements For Unit ID: PAF - Payette National Forest

Create Objective Create Management Requirement

FMU Type	Activated	Deactivated	Description	MPC/Resource Area	Direction	Number	Management Direction Description	LRMP Page #
7			Identify areas appropriate for Wildland Fire Use, emphasizing Inventioned Roadless Areas. Use wildland fire to restore or maintain vegetative desired conditions and to reduce fuel loadings.	Fire Management Objective		1263		II-255
7			The full range of fire suppression strategies may be used to suppress wildfires. Fire suppression strategies and tactics should minimize impacts to the values for which the RNA was established.	MPC 2.2 Research Natural Areas	Fire Guideline	1214		II-250
7			The full range of fire suppression strategies may be used to suppress wildfires. Emphasize strategies and tactics that minimize the impacts of suppression activities on river classifications and ORVs.	MPC 2.1 Wild and Scenic Rivers	Fire Guideline	1211		II-250
7			Prescribed fire and wildland fire use may be used in any river corridor as long as ORVs are maintained within the corridor.	MPC 2.1 Wild and Scenic Rivers	Fire Guideline	1210		II-250

Strategic Objectives and Management Requirements can be entered in any format that the Unit prefers. This is an example of data entry.

SUMMARY



The Data Manager role utilizes the DATA MANAGEMENT tab to create FMU Codes. They also create Strategic Objectives and Management Requirements as they relate to the FMUs per the direction in the units Land and Fire Management Plans.

SUMMARY:

- **Defined Data Manger Role, Strategic Objectives, Management Requirements, and Fire Management Units**
- **Created Fire Management Unit (FMU) Names and Codes**
- **Created Strategic Objectives from Land and Fire Management Plans**
- **Created Management Requirements from Land and Fire Management Plans**