

# Spatial Fire Planning Implementation Guide

Interagency, Wildland Fire Research, Development, and Application (WFM RD&A)  
Program

Last Update: 4/2/2025

## Overview

This guide outlines the Spatial Fire Planning process and how it can be implemented successfully to assist with incident decision-making and reporting.

### ***What is Spatial Fire Planning (SFP)***

Spatial Fire Planning (SFP) is a geospatial-centric planning process that allows wildland fire community members to manage National Environmental Policy Act (NEPA) approved guidance from Land, Resource, and Fire Management Plans (LRMP/FMP) as well as other guidance related to local values of interest in a spatial context.

By visually depicting the spatial extent to which fire planning language and guidance applies, SFP simplifies the incident decision-making process and ensures that fire management decisions are anchored to Land, Resource, and Fire Management Plans.

### ***SFP – Past Management***

From its inception in 2009 to the decommissioning of the classic version of the application in 2025, the Wildland Fire Decision Support System (WFDSS) allowed users to manage fire planning language and associated shapes through one of two planning methods:

- The Fire Management Unit (FMU) Planning Process: Introduced in 2009 with the release of the WFDSS application.
- The Spatial Fire Planning (SFP) Process: Introduced in 2014.

Regardless of the planning process selected by the user, other unit shapes and management requirements were managed at the administrative or local unit level, and strategic objectives and Fire Management Units (FMU) were managed at a national scale. Updating strategic objectives and FMUs was a complex and time intensive process as data management responsibilities were split between the field, agency leads, the WFM RD&A data team, and the WFDSS development team. Managing fire planning language and shapes within the WFDSS application required custom code development and restricted data to use within the system.

### ***SFP - New Management***

Advances in technology over the past decade have opened up opportunities for the fire community to make major shifts in how fire planning data are stored, managed, and used. Through discussions with WFDSS users, fire planning subject matter experts, and geospatial data subject matter experts; and in collaboration with the NWCG Fire Planning Committee (IFPC), and the NWCG Geospatial Subcommittee (GSC); WFM RD&A staff have developed a collection of new SFP data services and a SFP data editing application within the NIFC ArcGIS Online Organization (NIFC AGOL Org) for use in the 2025 fire season and onward.

Processes such as entering and managing fire planning language, which had been previously done through WFDSS, are now to be completed through the data editing application hosted on the NIFC ArcGIS Online Organization. Agency fire planning and geospatial personnel will now own and manage the fire planning language and data in the new SFP data services, and WFDSS will consume the data needed for wildland fire decision support.

This shift in data management has major advantages in terms of efficiency, data usability, and maintenance. Advantages include:

- **Less Operations and Maintenance (O&M)** - The WFDSS application will not need to maintain a SFP module, leading to more rapid development of core decision support capability and reduced maintenance cost over time.
- **Improved Data Accessibility** - Fire planning shapes and language hosted within the SFP data services on the NIFC AGOL Org will be accessible to users outside of WFDSS, including those who need to view fire planning information in mobile applications, Story Maps, Spatial Fire Management Plans, wildland fire applications, and in desktop GIS software.
- **Direct User Access to Language and Data** - WFM RD&A staff will not be “between” users and their data, allowing users to make changes more quickly following shifts in land and resource management plan direction or agency policy.
- **Better Governance Options** - Decoupling the SFP data from the WFDSS application paves the way for the transfer of data stewardship to a larger enterprise entity if deemed advantageous in the future.
- **Improved Consistency** - The approach to managing fire planning data and shapes will be consistent across all types of fire planning shapes.

## New SFP Management Process

### *Primary Shape Types*

In the new Spatial Fire Planning process, fire planning language can be tied to one of four shape types.

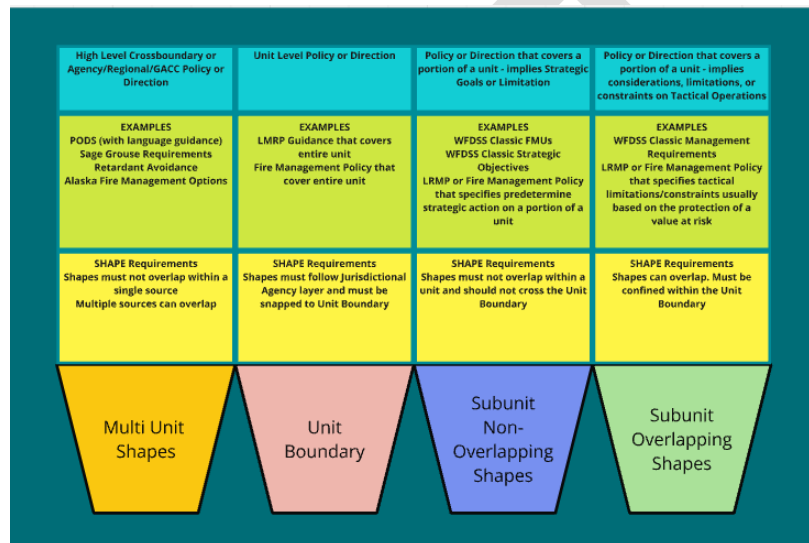
**Unit Boundaries (UB):** A set of shapes that reflect the administrative boundary of a jurisdictional unit such as a National Forest, National Park, or BLM District. Language tied to these shapes is intended to apply everywhere on the unit. WFDSS called these shapes the “Unit Outline” and applied fire planning language as “Unit Wide Objectives” to these polygons.

**Sub-Unit, Non-Overlapping Shapes (SUNOS):** A set of non-overlapping shapes contained within a jurisdictional unit boundary that represent land where fire planning language applies but does not overlap. Examples include situations where one set of language applies to WUI areas, and another set of language applies to backcountry areas. WFDSS called these shapes “FMU” or “Strategic Objective” shapes.

**Sub-Unit, Overlapping Shapes (SUOS):** A set of shapes that are within a jurisdictional unit boundary that can overlap each other and the other types of shapes (UB, SUNOS). Examples include fire planning language that applies to specific pieces of ground, such as a nesting habitat or a specific value at risk, but do not change the prevailing fire management language associated with

a sub-unit, non-overlapping shape or unit boundary shape. WFDSS called these shapes, management requirement shapes.

**Multi-Unit Shapes (MUS):** These shapes represent multi-unit management direction, where the boundaries in which the direction applies crosses jurisdictional unit boundaries. Examples include statewide fire management agreements like the Alaska Interagency Fire Management Plan, Potential Operation Delineations (PODs), or direction from multi-unit land/resource management plan amendments. WFDSS implemented this by adding specific layers like the Alaska Fire Management Options and BLM Sage Grouse Management Requirements layers. Rather than managing these as individual layers, this new SFP process will grant permissions to appropriate personnel who can manage these regional or multi-unit shapes to ensure that data is accurate and current.



### Secondary Shape Types

**Other Unit Shapes:** Other Unit shapes are points, lines, or polygons that contain information about local values and are used to assist with incident management. Other Unit shapes uploaded into WFDSS prior to 01/06/2025 (as part of the old SFP process) were exported and are now hosted on the NIFC AGOL Org.

**Misfit Shapes/Language:** SFP data created and managed through the old management process (within WFDSS) were migrated over to the new SPF process in hopes of simplifying the transition for end-users. However, a collection of the data could not be migrated as it did not meet minimum transfer criteria. The data that failed to migrate over are classified as misfits and are now hosted in their own service within the NIFC AGOL Org. The misfit service includes:

- Shapes and language that were inactive or never activated in WFDSS
- Active shapes and language that had invalid Unit IDs
- Active shapes that had no associated language
- Active language that had no associated shapes
- Active language that exceeded 8000 characters

### ***Roles and Responsibilities***

There are four essential roles within the new SFP process:

**SFP Viewers** – A group of users that only need access to national-level, organizationally-shared, non-editable, sync-enabled views of SFP data to facilitate organizational web mapping needs. A NIFC AGOL account is needed for this role.

**SFP Data Managers** – A group of users that are responsible for adding and editing SFP language and shape attribution (categories, labels, descriptions) within the SFP Experience Builder application. They are also responsible for performing quality assurance and quality control (QA/QC) on the SFP language and shape attributions they added or manipulated. This role is equivalent to the Data Manager role within WFDSS. To obtain this role, a user must have a NIFC AGOL account with at least [Data Editor](#) access. Typically, a local fire planner would serve in this capacity.

**SFP Shape Editors** – A group of highly skilled GIS users that are responsible for adding, editing, and deactivating SFP shapes. They are also responsible for performing quality assurance and quality control (QA/QC) on the spatial data they added or manipulated. The QA/QC process includes identifying gaps, overlaps, and slivers in the SFP shapes. SFP Editors must have a NIFC AGOL account with at least [Data Editor](#) access and must have experience with ArcGIS Pro and editing services using an Offline Copy. Typically, a fire GIS person would serve in this role.

**SFP Approvers** – A group of users that are responsible for approving SFP shapes created, edited, or deactivated by SFP Shape Editors. SFP Approvers must have a NIFC AGOL account with at least [Data Editor](#) access. Typically, a national or regional fire planner would serve in this role.

### ***Accessing the SFP Experience Builder and Services***

The new Spatial Fire Planning data editing application and data services are hosted on the [NIFC ArcGIS Online Organization](#) (NIFC AGOL Org). To gain access, one must first login with their NIFC AGOL account credentials. If one does not have a NIFC AGOL account, one may be requested here: [NIFC Org New Account Request Form](#).

- For information on filling out the NIFC AGOL Org Account Request form, visit the [NIFC AGOL form topic](#).
- For questions regarding the NIFC AGOL Org, contact [wildfireresponse@firenet.gov](mailto:wildfireresponse@firenet.gov) and allow 24 business hours for a response.
- If planning on serving as a SFP Data Manager, Shape Editor, or Approver, make sure you are assigned the Data Editor role within the NIFC AGOL Org at the very minimum. For more information on the available roles within the NIFC AGOL Org, read through the [Rules of Behavior and Publishing Guidelines](#).

Once a NIFC AGOL Org account is established, additional group access might be required depending on one's role in the SFP process. If a user plans to only reference national SFP data, no additional group access is needed (SFP Viewer). If a user plans to contribute to the development, management, and/or approval of SFP shapes and language, additional group access is needed (SFP Data Manager, SFP Editor, SFP Approver). The table below outlines the roles assigned to each AGOL


group. It's important to understand the roles needed, before requesting access to a SFP AGOL group.

		NIFC AGOL Org - SFP Groups			
		SFP Viewer (Any NIFC AGOL Org Member)	Spatial Fire Planning - Data Manager Group	Spatial Fire Planning - Shape Editor Group	Spatial Fire Planning - Approver Group
Roles	View National SFP Data	x	x	x	x
	Add/Edit Language		x	x	x
	Activate/Deactivate Language		x	x	x
	Add/Edit Shape Categories (CO/SA)		x	x	x
	Add/Edit Shape Labels		x	x	x
	Add/Edit Shape Descriptions		x	x	x
	Create New Shapes			x	x
	Edit Existing Shapes			x	x
	Activate/Deactivate Shapes			x	x
	Approve Shapes				x

To request access to the correct SFP AGOL group(s), utilize the links in the table below. Groups exist for both the training and production versions of the SFP process. Once navigated to a particular group's home page, select 'Join Group' on the right side of the browser window. It is recommended that those requesting Data Manager, Shape Editor, or Approver privileges have experience with editing data in feature services. WFM RD&A or approved agency staff will review the access request and will approve if deemed appropriate. Please allow 24 business hours for a response.

SFP AGOL Group	Training Access Links	Production Access Links
<b>SFP Viewer</b>	No Access Request Needed Once NIFC Org Account Established	
<b>Spatial Fire Planning - Data Manager Group</b>	<a href="https://nifc.maps.arcgis.com/home/group.html?id=475acae405ab4ba49352f7c96e6823b4">https://nifc.maps.arcgis.com/home/group.html?id=475acae405ab4ba49352f7c96e6823b4</a>	<a href="https://nifc.maps.arcgis.com/home/group.html?id=1002df3ef04a4e11b3a23c2dbb0a535f">https://nifc.maps.arcgis.com/home/group.html?id=1002df3ef04a4e11b3a23c2dbb0a535f</a>
<b>Spatial Fire Planning - Shape Editor Group</b>	<a href="https://nifc.maps.arcgis.com/home/group.html?id=1e9bf27e2ada4351a1fc1446f9fe8ba3">https://nifc.maps.arcgis.com/home/group.html?id=1e9bf27e2ada4351a1fc1446f9fe8ba3</a>	<a href="https://nifc.maps.arcgis.com/home/group.html?id=cb3f8a75c87040e48cf8de3c5826a1f6">https://nifc.maps.arcgis.com/home/group.html?id=cb3f8a75c87040e48cf8de3c5826a1f6</a>
<b>Spatial Fire Planning - Approver Group</b>	<a href="https://nifc.maps.arcgis.com/home/group.html?id=fe1976e098e141369b5ce64cf72e7dc4">https://nifc.maps.arcgis.com/home/group.html?id=fe1976e098e141369b5ce64cf72e7dc4</a>	<a href="https://nifc.maps.arcgis.com/home/group.html?id=41cf07868234418585eeb366f517cd7f">https://nifc.maps.arcgis.com/home/group.html?id=41cf07868234418585eeb366f517cd7f</a>

Spatial Fire Planning - Data Manager Group
Overview   Content   Members



NIFC AGOL Group for fire planners and fire management providing Spatial Fire Planning information, including fire planning language and shape categorization

Owner

Once proper group access is granted, one can navigate to the training and production SFP data services and editing applications using the table below:

Item Name	Item Type	Item Description	NIFC AGOL Org Sharing	SFP Group Access	Item Description URL	Rest Endpoint	Service Settings	Service View Filters
ISFPS Hub	Hub Site	A landing page for all SFP content.	Org-wide	Viewer, Data Manager, Shape Editor, Approver	<a href="https://isfps-nifc.hub.arcgis.com/">https://isfps-nifc.hub.arcgis.com/</a>			
SFPS Training App	Experience Builder	An experience builder application used to view SFP language and shapes; edit SFP language; edit SFP shape categories, labels, and descriptions; and approve SFP shapes in the training environment.	Org-wide	Viewer, Data Manager, Shape Editor, Approver	<a href="https://experience.arcgis.com/experience/5d5ba5e9d8144747b8dec6b475027c9a">https://experience.arcgis.com/experience/5d5ba5e9d8144747b8dec6b475027c9a</a>			
Training_WFMRDA_SFP_ReadOnly	Feature Service View	A read only feature service that depicts SFP shapes and language available in the training environment.	Org-wide	Viewer, Data Manager, Shape Editor, Approver	<a href="https://nifc.maps.arcgis.com/home/item.html?id=a690e358ad0342338aba501db0d81892">https://nifc.maps.arcgis.com/home/item.html?id=a690e358ad0342338aba501db0d81892</a>	<a href="https://services3.arcgis.com/T4QMspbflg3qTGWY/arcgis/rest/services/Training_WFMRDA_SFP_ReadOnly/FeatureServer">https://services3.arcgis.com/T4QMspbflg3qTGWY/arcgis/rest/services/Training_WFMRDA_SFP_ReadOnly/FeatureServer</a>	<b>Edit Disabled</b> <b>Sync Enabled</b>	
Training_WFMRDA_SFP_EditLanguage	Feature Service View	An edit feature service that allows users to edit SFP language available in the training environment. It is referenced within the SFP Training App via the 'Edit Language' tab.	Specific Groups	Data Manager, Shape Editor, Approver	<a href="https://nifc.maps.arcgis.com/home/item.html?id=833b3dc72d3341cebca10c2ee4dda96c">https://nifc.maps.arcgis.com/home/item.html?id=833b3dc72d3341cebca10c2ee4dda96c</a>	<a href="https://services3.arcgis.com/T4QMspbflg3qTGWY/arcgis/rest/services/Training_WFMRDA_SFP_EditLanguage/FeatureServer">https://services3.arcgis.com/T4QMspbflg3qTGWY/arcgis/rest/services/Training_WFMRDA_SFP_EditLanguage/FeatureServer</a>	<b>Edit Enabled</b> (Add, Update – Attributes and Geometry) <b>Sync Disabled</b>	
Training_WFMRDA_SFP_EditShapeAttributes	Feature Service View	An edit feature service that allows users to edit SFP shape categories, labels, and descriptions available in the training environment. It is referenced within the SFP Training App via the 'Edit Categories' tab.	Specific Groups	Data Manager, Shape Editor, Approver	<a href="https://nifc.maps.arcgis.com/home/item.html?id=ec9d1d6d985d47f184688874e1775441">https://nifc.maps.arcgis.com/home/item.html?id=ec9d1d6d985d47f184688874e1775441</a>	<a href="https://services3.arcgis.com/T4QMspbflg3qTGWY/arcgis/rest/services/Training_WFMRDA_SFP_EditShapeAttributes/FeatureServer">https://services3.arcgis.com/T4QMspbflg3qTGWY/arcgis/rest/services/Training_WFMRDA_SFP_EditShapeAttributes/FeatureServer</a>	<b>Edit Enabled</b> (Add, Update – Attributes Only) <b>Sync Disabled</b>	
Training_WFMRDA_SFP_EditShapeGeometry	Feature Service View	An edit feature service that allows users to edit SFP shape geometry available in the training environment. It should be referenced within ArcGIS Pro.	Specific Groups	Shape Editor, Approver	<a href="https://nifc.maps.arcgis.com/home/item.html?id=28efb3a7aef94c53998e6ab51ca307a3">https://nifc.maps.arcgis.com/home/item.html?id=28efb3a7aef94c53998e6ab51ca307a3</a>	<a href="https://services3.arcgis.com/T4QMspbflg3qTGWY/arcgis/rest/services/Training_WFMRDA_SFP_EditShapeGeometry/FeatureServer">https://services3.arcgis.com/T4QMspbflg3qTGWY/arcgis/rest/services/Training_WFMRDA_SFP_EditShapeGeometry/FeatureServer</a>	<b>Edit Enabled</b> (Add, Delete, Update – Attributes and Geometry) <b>Sync Enabled</b>	
Training_WFMRDA_SFP_ShapeApproval	Feature Service View	An edit feature service that allows users to approve SFP shapes referenced within the SFP Training App via the 'Shape Approval' tab.	Specific Groups	Approver	<a href="https://nifc.maps.arcgis.com/home/item.html?id=c490dfecc694fc884fd369450d9cc9">https://nifc.maps.arcgis.com/home/item.html?id=c490dfecc694fc884fd369450d9cc9</a>	<a href="https://services3.arcgis.com/T4QMspbflg3qTGWY/arcgis/rest/services/Training_WFMRDA_SFP_ShapeApproval/FeatureServer">https://services3.arcgis.com/T4QMspbflg3qTGWY/arcgis/rest/services/Training_WFMRDA_SFP_ShapeApproval/FeatureServer</a>	<b>Edit Enabled</b> (Update – Attributes Only) <b>Sync Disabled</b>	
SFPS Production App	Experience Builder	An experience builder application used to view SFP language and shapes; edit SFP language; edit SFP shape categories, labels, and descriptions; and approve SFP shapes in the production environment.	Org-wide	Viewer, Data Manager, Shape Editor, Approver	<a href="https://experience.arcgis.com/experience/f2b1a5d2e12d42638ed1198cfd5d0352">https://experience.arcgis.com/experience/f2b1a5d2e12d42638ed1198cfd5d0352</a>			
WFMRDA_SpatialFirePlanning_ReadOnly	Feature Service View	A read only feature service that depicts SFP shapes and language available in the production environment.	Org-wide	Viewer, Data Manager, Shape Editor, Approver	<a href="https://nifc.maps.arcgis.com/home/item.html?id=134d1f69f8bb41ba97d80d05d1ccac2c">https://nifc.maps.arcgis.com/home/item.html?id=134d1f69f8bb41ba97d80d05d1ccac2c</a>	<a href="https://services3.arcgis.com/T4QMspbflg3qTGWY/arcgis/rest/services/WFMRDA_SpatialFirePlanning_ReadOnly/FeatureServer">https://services3.arcgis.com/T4QMspbflg3qTGWY/arcgis/rest/services/WFMRDA_SpatialFirePlanning_ReadOnly/FeatureServer</a>	<b>Edit Disabled</b> <b>Sync Enabled</b>	<b>Fire Planning Shapes</b> 'Deactivation Date' is Null AND 'Activation Date' is Not Null AND 'Approved' is Yes  <b>Fire Planning Language</b> 'Deactivation Date' is Null AND 'Activation Date' is Not Null



WFMRDA_SpatialFirePlanning_EditLanguage	Feature Service View	An edit feature service that allows users to edit SFP language available in the production environment. It is referenced within the SFP Production App via the 'Edit Language' tab.	Specific Groups	Data Manager, Shape Editor, Approver	<a href="https://nifc.maps.arcgis.com/home/item.html?id=e00261518181477fa087a7610d403898">https://nifc.maps.arcgis.com/home/item.html?id=e00261518181477fa087a7610d403898</a>	<a href="https://services3.arcgis.com/T4QMspbflg3qTGWY/arcgis/rest/services/WFMRDA_SpatialFirePlanning_EditLanguage/FeatureServer">https://services3.arcgis.com/T4QMspbflg3qTGWY/arcgis/rest/services/WFMRDA_SpatialFirePlanning_EditLanguage/FeatureServer</a>	<b>Edit Enabled</b> (Add, Update – Attributes Only)  <b>Sync Enabled</b>	
WFMRDA_SpatialFirePlanning_EditShapeCategories	Feature Service View	An edit feature service that allows users to edit SFP shape categories, labels, and descriptions available in the production environment. It is referenced within the SFP Production App via the 'Edit Categories' tab.	Specific Groups	Data Manager, Shape Editor, Approver	<a href="https://nifc.maps.arcgis.com/home/item.html?id=1bced192a3264257b2a54e0ba50cdba3">https://nifc.maps.arcgis.com/home/item.html?id=1bced192a3264257b2a54e0ba50cdba3</a>	<a href="https://services3.arcgis.com/T4QMspbflg3qTGWY/arcgis/rest/services/WFMRDA_SpatialFirePlanning_EditShapeAttributes/FeatureServer">https://services3.arcgis.com/T4QMspbflg3qTGWY/arcgis/rest/services/WFMRDA_SpatialFirePlanning_EditShapeAttributes/FeatureServer</a>	<b>Edit Enabled</b> (Update – Attributes Only)  <b>Sync Disabled</b>	
WFMRDA_SpatialFirePlanning_EditShapeGeometry	Feature Service View	An edit feature service that allows users to edit SFP shape geometry available in the production environment. It should be referenced within ArcGIS Pro.	Specific Groups	Shape Editor, Approver	<a href="https://nifc.maps.arcgis.com/home/item.html?id=6c8243220e4e48fe82ac298c8df444cd">https://nifc.maps.arcgis.com/home/item.html?id=6c8243220e4e48fe82ac298c8df444cd</a>	<a href="https://services3.arcgis.com/T4QMspbflg3qTGWY/arcgis/rest/services/WFMRDA_SpatialFirePlanning_EditShapeGeometry/FeatureServer">https://services3.arcgis.com/T4QMspbflg3qTGWY/arcgis/rest/services/WFMRDA_SpatialFirePlanning_EditShapeGeometry/FeatureServer</a>	<b>Edit Enabled</b> (Add, Update – Attributes and Geometry)  <b>Sync Enabled</b>	
WFMRDA_SpatialFirePlanning_ShapeApproval	Feature Service View	An edit feature service that allows users to approve SFP shapes referenced within the SFP Production App via the 'Shape Approval' tab.	Specific Groups	Approver	<a href="https://nifc.maps.arcgis.com/home/item.html?id=ac5c533e5a554faeaa59da8169a05feb">https://nifc.maps.arcgis.com/home/item.html?id=ac5c533e5a554faeaa59da8169a05feb</a>	<a href="https://services3.arcgis.com/T4QMspbflg3qTGWY/arcgis/rest/services/WFMRDA_SpatialFirePlanning_ShapeApproval/FeatureServer">https://services3.arcgis.com/T4QMspbflg3qTGWY/arcgis/rest/services/WFMRDA_SpatialFirePlanning_ShapeApproval/FeatureServer</a>	<b>Edit Enabled</b> (Add, Update – Attributes and Geometry)  <b>Sync Disabled</b>	
WFMRDA_SpatialFirePlanning_Misfits_ReadOnly	Feature Service View	A read only feature service that depicts planning language and shapes collected through the old planning method in WFDSS that were not transferred over to the new SFP Services because they did not meet the minimum transfer criteria.	Specific Groups	Data Manager, Shape Editor, Approver	<a href="https://nifc.maps.arcgis.com/home/item.html?id=43b8771d8182436eb09afcc62509d00d">https://nifc.maps.arcgis.com/home/item.html?id=43b8771d8182436eb09afcc62509d00d</a>	<a href="https://services3.arcgis.com/T4QMspbflg3qTGWY/arcgis/rest/services/WFMRDA_SFP_Misfits_ReadOnly/FeatureServer">https://services3.arcgis.com/T4QMspbflg3qTGWY/arcgis/rest/services/WFMRDA_SFP_Misfits_ReadOnly/FeatureServer</a>	<b>Edit Disabled</b>  <b>Sync Disabled</b>	
WFMRDA_SFP_Misfits_Edit	Feature Service View	An edit feature services that allows users to flag when misfit shapes and language have been manually transferred over to the new SFP Services.	Specific Groups	Data Manager, Shape Editor, Approver	<a href="https://nifc.maps.arcgis.com/home/item.html?id=af301b6688da422b973fd390ff9486e">https://nifc.maps.arcgis.com/home/item.html?id=af301b6688da422b973fd390ff9486e</a>	<a href="https://services3.arcgis.com/T4QMspbflg3qTGWY/arcgis/rest/services/WFMRDA_SFP_Misfits_Edit/FeatureServer">https://services3.arcgis.com/T4QMspbflg3qTGWY/arcgis/rest/services/WFMRDA_SFP_Misfits_Edit/FeatureServer</a>	<b>Edit Enabled</b> (Add, Update – Attributes Only)  <b>Sync Disabled</b>	
WFMRDA_SFP_OtherUnitShapes_ReadOnly	Feature Service View	A read only feature service that depicts Other Unit shapes exported from WFDSS Classic.	Org-wide	Viewer, Data Manager, Shape Editor, Approver	<a href="https://nifc.maps.arcgis.com/home/item.html?id=476a33903b374f7f934a423c7d1199f5">https://nifc.maps.arcgis.com/home/item.html?id=476a33903b374f7f934a423c7d1199f5</a>	<a href="https://services3.arcgis.com/T4QMspbflg3qTGWY/arcgis/rest/services/WFMRDA_SFP_OtherUnitShapes_ReadOnly/FeatureServer">https://services3.arcgis.com/T4QMspbflg3qTGWY/arcgis/rest/services/WFMRDA_SFP_OtherUnitShapes_ReadOnly/FeatureServer</a>	<b>Edit Disabled</b>  <b>Sync Disabled</b>	<b>OtherUnitShapes_point/line/poly</b> DeactivationDate is blank
WFMRDA_SFP_OtherUnitShapes_Edit	Feature Service View	An edit feature service that allows a user to make edits to Other Unit shapes exported from WFDSS Classic.	Specific Groups	Data Manager, Shape Editor, Approver	<a href="https://nifc.maps.arcgis.com/home/item.html?id=92839e4e795a434899c6146cfe08d40f">https://nifc.maps.arcgis.com/home/item.html?id=92839e4e795a434899c6146cfe08d40f</a>	<a href="https://services3.arcgis.com/T4QMspbflg3qTGWY/arcgis/rest/services/WFMRDA_SFP_OtherUnitShapes_Edit/FeatureServer">https://services3.arcgis.com/T4QMspbflg3qTGWY/arcgis/rest/services/WFMRDA_SFP_OtherUnitShapes_Edit/FeatureServer</a>	<b>Edit Enabled</b> (Add, Delete, Update – Attributes Only)  <b>Sync Disabled</b>	

### Training and Production Interfaces

In the new SFP process, two application environments are available to users:

- **The training environment** which serves as a place in which users can familiarize themselves with SFP data and the editing process. SFP data stored within the training environment is not operational and is for training purposes only.
- **The production environment** which serves as the fully functional system in which live SFP data is stored, managed, and shared with end-users and wildland fire applications for operational use.

### Data Service Components

The four main categories of SFP views (ReadOnly, EditLanguage, EditShapeAttributes, and EditShapeGeometry) have the same underlying data components, a polygon layer titled FirePlanningShapes, and a one-to-many relationship table titled FirePlanningLanguage.

The FirePlanningShapes layer includes the spatial extents in which fire planning language/guidance apply. The dataset includes the four primary SFP shape types.

- Unit Boundaries (Unit)
- Sub-Unit, Non-Overlapping Shapes (SNOS)
- Sub-Unit, Overlapping Shapes (SOS)
- Multi-Unit Shapes (Multi)

The FirePlanningLanguage table includes approved guidance from Land, Resource, and Fire Management Plans as well as other guidance related to local values of interest. This table is a one-to-many relationship table, which allows for the depiction of complex spatial relationships. In this case, this one-to-many relationship allows users to track when many pieces of language are assigned to a single SFP shape. The shapes available within the FirePlanningShapes layer are linked to language records in the FirePlanningLanguage table through the GlobalID and fsglobalid fields.



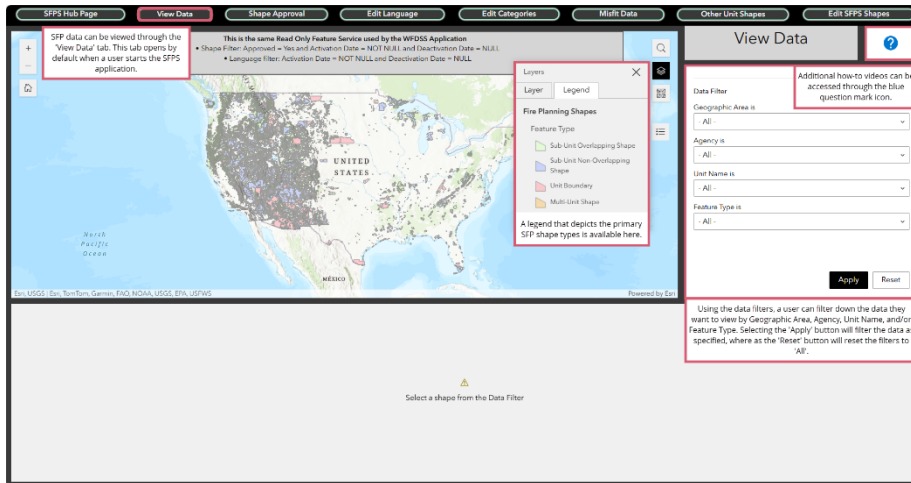
### Viewing Spatial Fire Planning Data

SFP data can be viewed using GIS desktop software (like [ArcGIS Pro](#)), cloud-based mapping solutions (like [ArcGIS Online](#)), or within the SFPS App. The read-only SFP feature services include the following subset of shapes and language:

- SFP Shapes where 'Approved' = Yes, 'Deactivation Date' is null, and 'Activation Date' is not null
- SFP language where 'Activation Date' is not null and 'Deactivation Date' is null



## Viewing SFP Data in the SFPS App



**SFPS Hub Page** | **View Data** | Shape Approval | Edit Language | Edit Categories | Mifft Data | Other Unit Shapes | Edit SFPS Shapes

This is the same Read Only Feature Service used by the WFDSS Application

- Shape Filter: Approved = Yes and Activation Date = NOT NULL and Deactivation Date = NULL
- Language Filter: Activation Date = NOT NULL and Deactivation Date = NULL

**Layers**

Layer	Legend
Fire Planning Shapes	
Feature Type	
Sub-Unit Overlapping Shape	
Sub-Unit Non-Overlapping Shape	
Unit Boundary	
Multi-Line Shape	

A legend that depicts the primary SFP shape types is available here.

**View Data**

Additional how-to videos can be accessed through the blue question mark icon.

Data Filter

Geographic Area is: All

Agency is: All

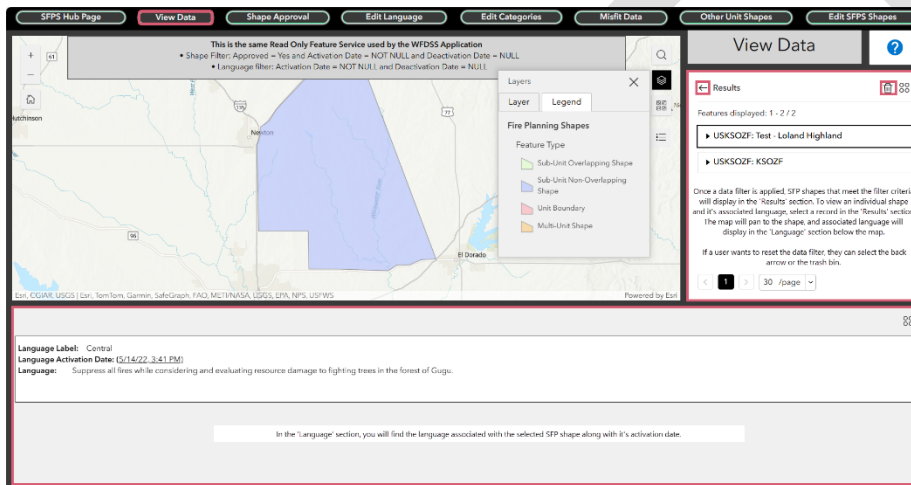
User Name is: All

Feature Type is: All

Apply Reset

Using the data filters, a user can filter down the data they want to view by Geographic Area, Agency, Unit Name, and/or Feature Type. Selecting the 'Apply' button will filter the data as specified, where as the 'Reset' button will reset the filters to 'All'.

Select a shape from the Data Filter



**SFPS Hub Page** | **View Data** | Shape Approval | Edit Language | Edit Categories | Mifft Data | Other Unit Shapes | Edit SFPS Shapes

This is the same Read Only Feature Service used by the WFDSS Application

- Shape Filter: Approved = Yes and Activation Date = NOT NULL and Deactivation Date = NULL
- Language Filter: Activation Date = NOT NULL and Deactivation Date = NULL

**Layers**

Layer	Legend
Fire Planning Shapes	
Feature Type	
Sub-Unit Overlapping Shape	
Sub-Unit Non-Overlapping Shape	
Unit Boundary	
Multi-Line Shape	

**View Data**

**Results**

Features displayed: 1 / 2 / 2

- USKSOZF: Test - Loland Highland
- USKSOZF: KSOZF

Once a data filter is applied, SFP shapes that meet the filter criteria will display in the 'Results' section. To view an individual shape and its associated language, select a record in the 'Results' section. The map will pan to the shape, and associated language will display in the 'Language' section below the map.

If a user wants to reset the data filter, they can select the back arrow or the trash bin.

30 /page

**Language**

Language Label: Central  
 Language Activation Date: (5/16/22 3:41 PM)  
 Language: Suppress all fires while considering and evaluating resource damage to fighting trees in the forest of Gugu.

In the "Language" section, you will find the language associated with the selected SFP shape along with it's activation date.