



UTAH DNR

WILDFIRE RISK ASSESSMENT PORTAL

FOCUS AREA MANAGER USER GUIDE

MENT PORTAL

ABOUT

SUPPORT

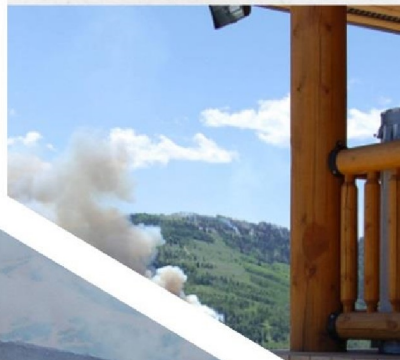
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APPLICATIONS

ic Viewer



Professional View



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Preface

Access to the Focus Area Manager can be found at the following link and requires registration and approval by an administrator: <https://fam.wildfirerisk.utah.gov>

Compatibility

The current version of UWRAP is compatible with the following browsers, but it is recommended that Firefox or Chrome be used with the application to optimize performance.

- Microsoft Internet Explorer (IE) 11 or later
- Mozilla Firefox
- Google Chrome
- Safari

The minimum recommended screen resolution is 1024 x 768.

Support

- User guides can be found on the [Support](#) page.
- For technical support, email uwrap@utah.gov.

Feedback

The Utah State Forestry, Fire and State Lands invites users to provide feedback on the UWRAP. Please provide your comments and suggestions for improvement via [Contact](#).

Overview

The Utah Wildfire Risk Assessment Portal is the primary mechanism for Utah Division of Forestry, Fire, and State Lands to deploy wildfire risk information and create awareness about wildfire issues across the state. It is comprised of a suite of applications tailored to support specific workflow and information requirements for the public, local community groups, private landowners, government officials, hazard-mitigation planners, and wildland fire managers. Collectively these applications will provide the baseline information needed to support mitigation and prevention efforts across the state.

- For more information about the UWRAP, see [About](#).

Accessing UWRAP

To access the UWRAP web application:

1. Open a [compatible browser](#) while connected to the internet and navigate to the following link: <https://utahwildfirerisk.utah.gov/>
2. **Sign in.**
 - a. If not yet registered, click **Sign In / Register**, then click **Register**, and provide required information. After clicking **Create Account**, user will receive an email notification that registration has been submitted and an administrator has been notified. User then receives another email notification when access has been approved.
 - b. If registered, click **Sign In / Register** and log in with credentials.
3. Once signed in, **Sign In / Register** changes to **Hi, [name]**.
 - a. Click **Hi, [name]** to expand management options, such as Edit Account Details, to change password or other information on file.

4. To open Focus Area Manager, click **Hi, [name]** and click **Focus Area Manager**, then wait for it to load.

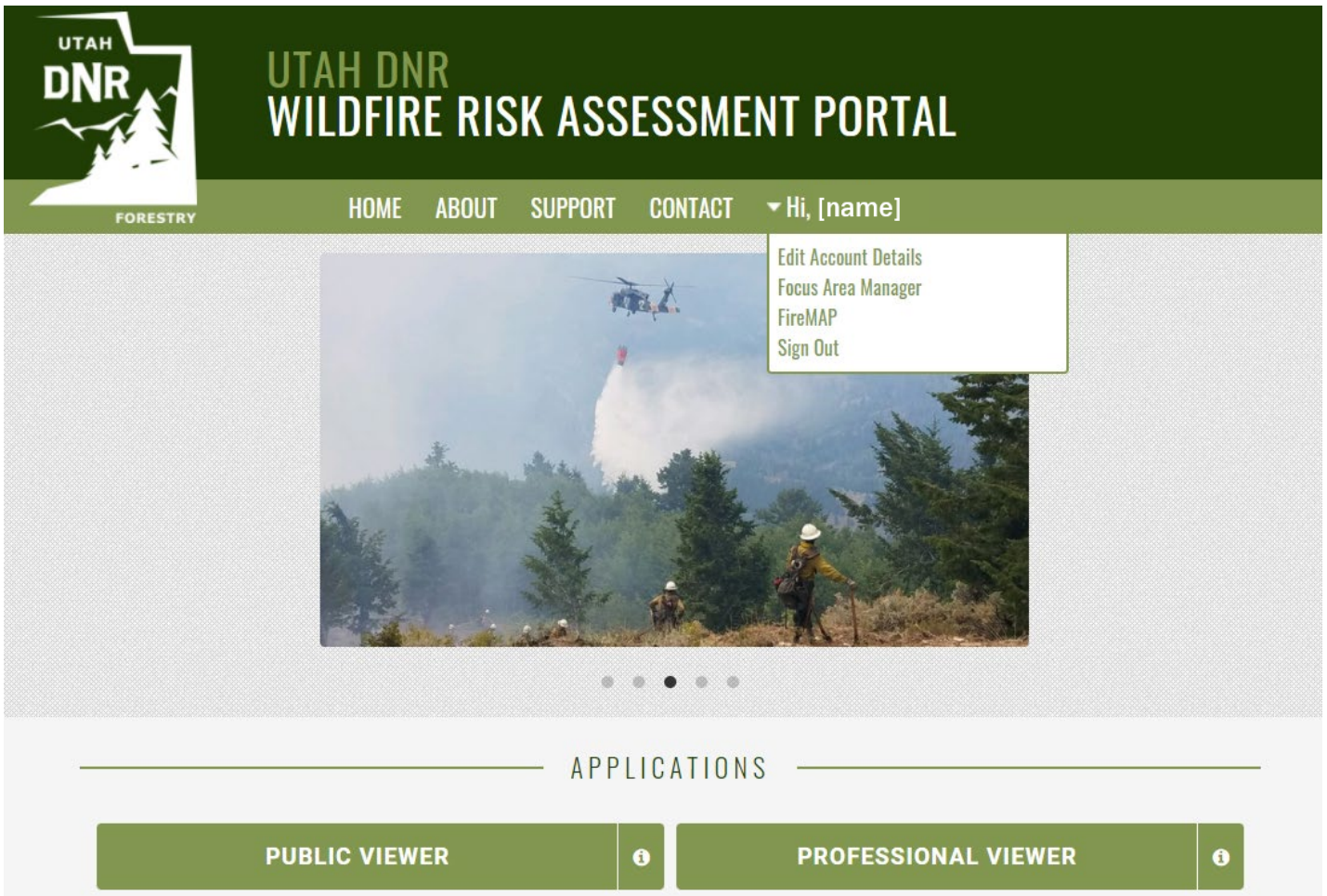


Figure 1: UWRAP Home page – Login

Using the Focus Area Manager

Wildfire continues to threaten people and property across Utah. The **Focus Area Manager** is a web-mapping application within the **Utah Wildfire Risk Assessment Portal** utilized to create, manage, and prioritize areas of interest for fuels reduction throughout the state of Utah. Users build **Focus Areas**, **Projects**, and **Actions** to reflect what is being done to implement fuels reduction in the field. Each focus area and project in the tool has an associated risk score. The risk score helps prioritize decisions and actions taken. The Focus Area Manager application also stores critical data for managing fuels reduction including the size, status, funding source, project code, and primary contact. This provides information to document and analyze mitigation and prevention efforts.

This **User Guide** includes cues which point user to common functions within the **Focus Area Manager**:

Navigating the Map

Search, Zoom, and Legend

- Click and drag the map to navigate to a location. User can input a location in the **Search** bar. Map will zoom to the location.
- User can also zoom-in by scrolling with their cursor hovering over a location or using the +/- symbols at the top right corner of the map. When navigating to new areas on the map, it may a moment for layers to load and appear.
- Click the **Legend** icon to view the legend for focus areas, projects, actions, and their status.

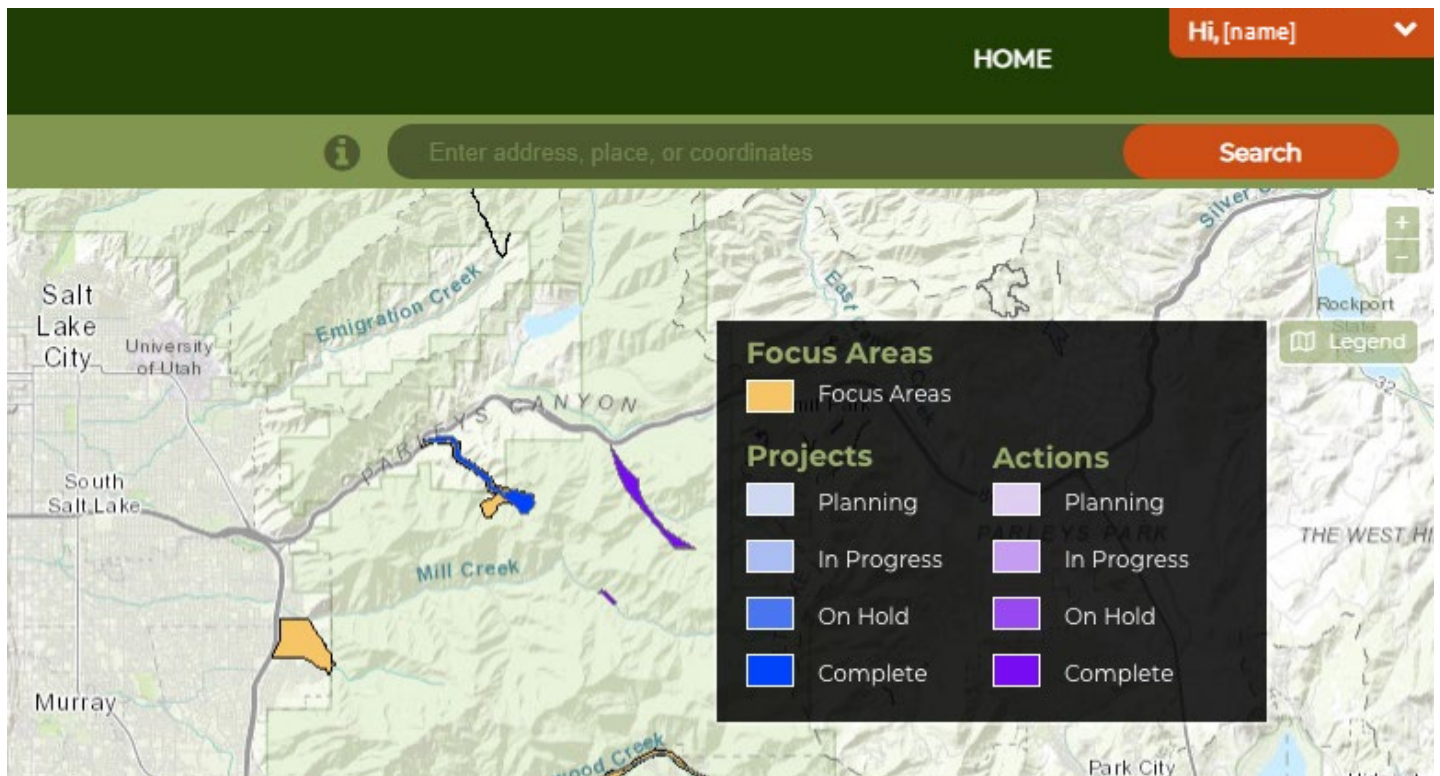



Figure 2: Navigating the Map - Search, Zoom, and Legend

Map Themes

Map Themes can be adjusted for specific interests, to see specific features or more easily view and navigate the map.

- **Map Themes** are pinned/unpinned with the white arrow  on the upper left.
- Click the white eye icon on the top of the green tab to turn layers on/off. Slide the red circle to change the transparency of the layer.
- Gray tabs allow the user to select only one layer to display. Green tabs allow the user to turn on/off multiple layers. Layers with a white dot or checkmark indicate those turned on.

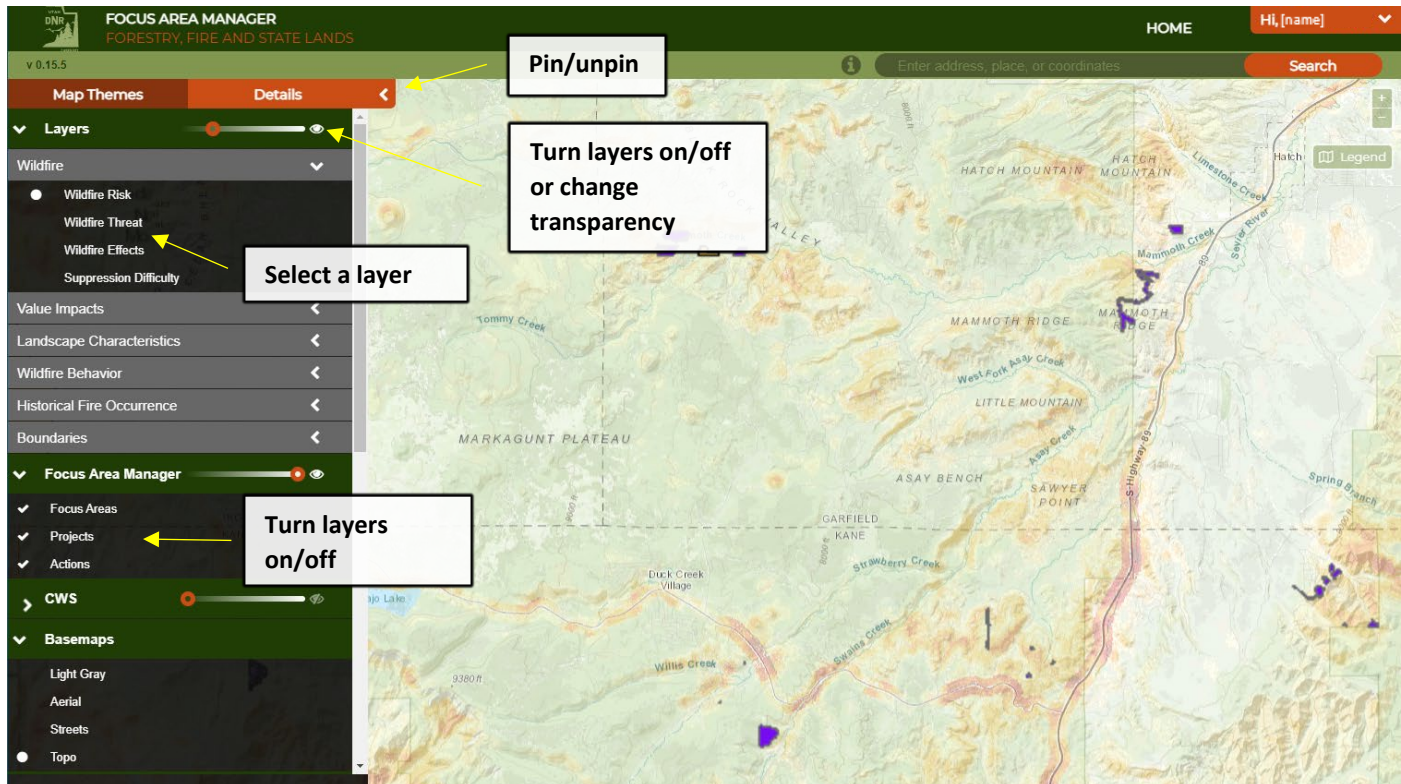


Figure 3: Navigating the Map - Map Themes


Details

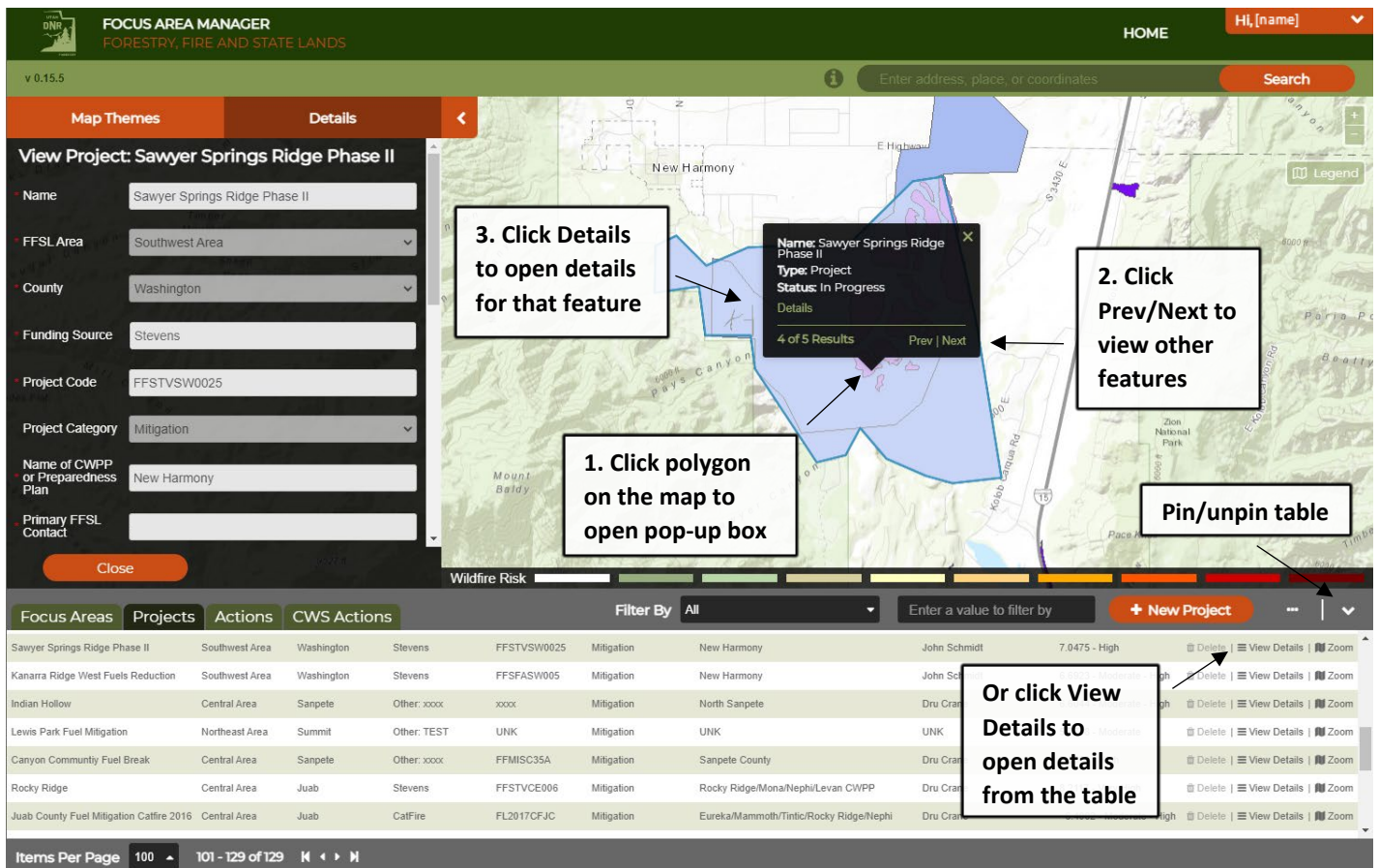
Information regarding a focus area, project, or action in the Focus Area Manager tool is found in **Details**. To view details:

1. Click the polygon on the map. A pop-up box will open with results. There may be multiple results for one area on the map. Results include the name, type, and status.
2. Click **Prev/Next** to scan through results until the desired focus area, project, or action appears.
3. Click **Details** and the information will open. Remember, user must click **Details** again after clicking **Prev/Next** for the details to populate into the table. User can **Zoom** to a polygon on the map from the details table below **Geometry**.

-OR-

Details are also accessible from the table.

- Click the white arrow  to pin/unpin the table for focus areas, projects, and actions.
- User can search by a specific focus area, project, or action in the table.
- The table includes select information. For full details, click **View Details** at the right of the table.
- User can click **Zoom** in the table to zoom to the area.



The screenshot shows the Focus Area Manager interface. The top navigation bar includes 'HOME' and a user profile 'Hi, [name]'. Below the navigation bar is a search bar and a 'Search' button. The main content area is divided into two sections: 'Map Themes' and 'Details'. The 'Details' section is currently active, showing a map of a wildfire risk area. A blue polygon on the map is highlighted, and a pop-up box displays details for 'Sawyer Springs Ridge Phase II', including its name, type (Project), and status (In Progress). The pop-up box also includes 'Prev | Next' buttons and '4 of 5 Results'. The table below the map lists various projects with columns for Name, FFSL Area, County, Funding Source, Project Code, Project Category, Name of CWPP or Preparedness Plan, Primary FFSL Contact, and Wildfire Risk. The table is currently pinned to the top of the page. Annotations with arrows point to specific UI elements: '1. Click polygon on the map to open pop-up box', '2. Click Prev/Next to view other features', '3. Click Details to open details for that feature', 'Pin/unpin table', and 'Or click View Details to open details from the table'.


Focus Areas	Projects	Actions	CWS Actions	Filter By	All	Enter a value to filter by	+ New Project	...	▼
Sawyer Springs Ridge Phase II	Southwest Area	Washington	Stevens	FFSTVS0025	Mitigation	New Harmony	John Schmidt	7.0475 - High	Delete View Details Zoom
Kanarra Ridge West Fuels Reduction	Southwest Area	Washington	Stevens	FFSFAS005	Mitigation	New Harmony	John Schmidt	7.0475 - High	Delete View Details Zoom
Indian Hollow	Central Area	Sanpete	Other: xxxxx	xxxxx	Mitigation	North Sanpete	Dru Crandall	7.0475 - High	Delete View Details Zoom
Levis Park Fuel Mitigation	Northeast Area	Summit	Other: TEST	UNK	Mitigation	UNK	UNK	7.0475 - High	Delete View Details Zoom
Canyon Community Fuel Break	Central Area	Sanpete	Other: xxxxx	FFMISC35A	Mitigation	Sanpete County	Dru Crandall	7.0475 - High	Delete View Details Zoom
Rocky Ridge	Central Area	Juab	Stevens	FFSTVCE006	Mitigation	Rocky Ridge/Mona/Nephi/Levan CWPP	Dru Crandall	7.0475 - High	Delete View Details Zoom
Juab County Fuel Mitigation Catfire 2016	Central Area	Juab	CatFire	FL2017CFJC	Mitigation	Eureka/Mammoth/Tintic/Rocky Ridge/Nephi	Dru Crandall	7.0475 - High	Delete View Details Zoom

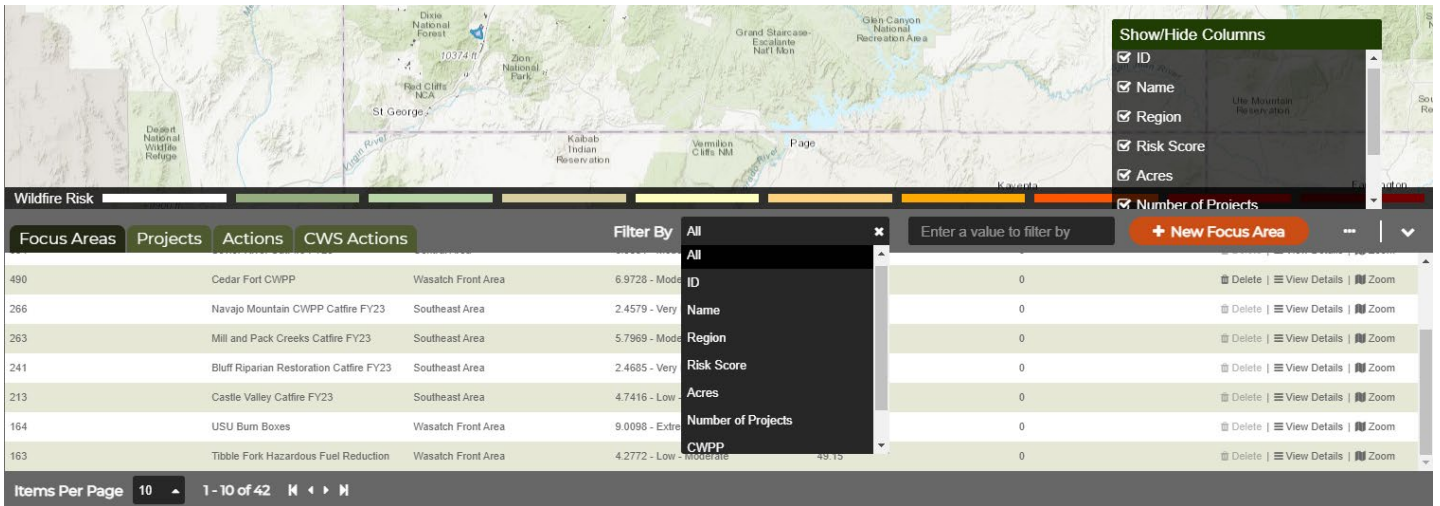
Figure 4: Navigating the Map - Details

Table

The table at the bottom of the map in the Focus Area Manager tool displays information regarding each focus area, project, and action.



- To search for a specific focus area, project, or action by type in the box: **Enter a value to filter by** (verify you have the correct tab open for the search). When searching for a specific focus area, project, or action, user can click the drop-down box to the right of **Filter By**, to filter by a specific attribute (Name, Region, etc.).
- User can also **Show/Hide** the columns displayed in the table by clicking the gray toggle  on the top right of the table, then checking or unchecking the box.



The screenshot displays the Focus Area Manager tool interface. At the top, a map shows various geographical features and focus areas. Below the map is a 'Wildfire Risk' legend. The main area contains a table with columns for 'Focus Areas', 'Projects', 'Actions', and 'CWS Actions'. A 'Filter By' dropdown menu is open, showing options like 'All', 'ID', 'Name', 'Region', 'Risk Score', 'Acres', 'Number of Projects', and 'CWPP'. A 'Show/Hide Columns' dialog box is also open, allowing users to toggle the visibility of columns in the table. The table lists several focus areas and projects with their respective IDs, names, regions, risk scores, and acreages.

ID	Name	Region	Risk Score	Acres	Number of Projects
490	Cedar Fort CWPP	Wasatch Front Area	6.9728 - Moderate	0	0
266	Navajo Mountain CWPP Calfire FY23	Southeast Area	2.4579 - Very Low	0	0
263	Mill and Pack Creeks Calfire FY23	Southeast Area	5.7969 - Moderate	0	0
241	Bluff Riparian Restoration Calfire FY23	Southeast Area	2.4685 - Very Low	0	0
213	Castle Valley Calfire FY23	Southeast Area	4.7416 - Low	0	0
164	USU Burn Boxes	Wasatch Front Area	9.0098 - Extreme	0	0
163	Tibble Fork Hazardous Fuel Reduction	Wasatch Front Area	4.2772 - Low	0	0

Figure 5: Navigating the Map – Table

Definitions: Focus Area, Project, and Action

Focus Area

A **Focus Area** signifies a specific geographic area, community at risk, area associated with a Community Wildfire Preparedness Plan (CWPP) or other area designated for fuels mitigation. Focus Areas are created to submit project proposals. It is displayed as polygon on the map of the Focus Area Manager tool. The polygon can be drawn. The focus area has a Risk Score which represents the possibility of loss or harm occurring from a wildfire. The risk score is important for project proposals and should accurately reflect the area. For this purpose, the geometry (polygon) for focus areas are to be appropriately sized, only encompassing the area necessary, to provide the most precise data.

Project

A **Project** summarizes fuel treatments such as prescribed fire, hand, or mechanical treatments. The state of Utah has committed large amounts of funding to fuel treatments. Fuels reduction treatments are designed to reduce the threat of catastrophic wildfire, which can result in damage to homes and infrastructure, watersheds, wildlife habitat, and other critical infrastructure. The project geometry (polygon) is specific to a designated property, community, CWPP area, or other area. It can be either drawn or uploaded. One project can include multiple polygons for specific areas where actions are to take place.

Action

An **Action** represents what actions are taken on the ground during fuels treatments. The polygons for actions are precise. Therefore, it is required to collect precise GPS data of the actions taken in the field. The action polygon should be uploaded, not drawn. The action polygon and project polygon will not have the same geometry (unless the entire area within the project has been treated). There may be multiple actions linked to a project.

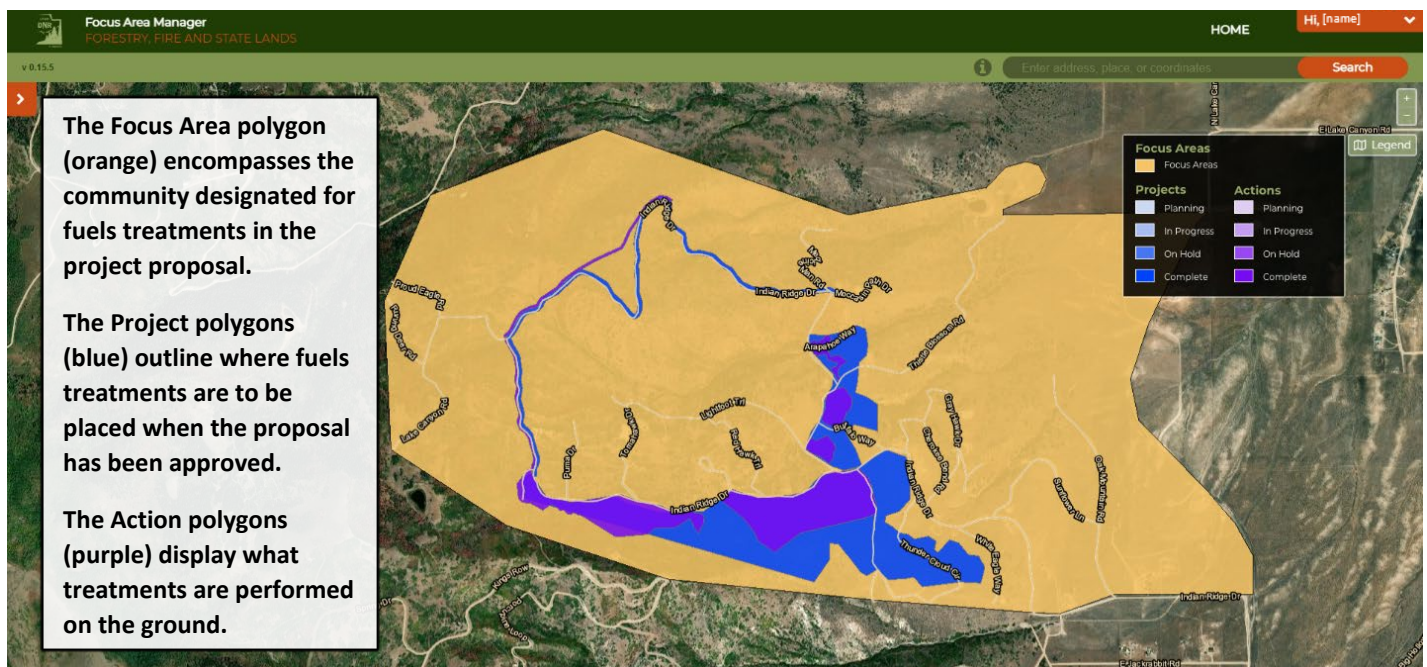


Figure 6: Definitions: Focus Area, Project, Action

Adding a New Focus Area, New Project, or New Action

Before adding a new focus area, new project, or new action, verify you have all the information required.

New Focus Area Required Information: Name, Region, CWPP, Funding Source, and Geometry.

New Project Required Information: Name, FFSL Area, County, Funding Source, Project Code, Project Category, Name of CWPP or Preparedness Plan, Primary FFSL Contact, Project Start/End Date, Project Status, Estimated Cost per Acre, Biomass Utilization, Maintenance Required, and Geometry.

New Action Required Information: Name, Type, Start/End Date, Phase, Status, Comments, and Geometry.

Adding a New Focus Area

1. Verify the **Focus Areas** tab is open in the table (if not, click **Focus Areas**).
2. Click **+New Focus Area** on the right of the tab.
3. Fill in the associated information (Name, Region, CWPP, etc.) in Details. Draw the geometry for the focus area. Click **Draw**, then select the polygon icon. Draw the shape. Then double click or return to the first point created to complete the polygon. To link an existing project, click **Link Project**, select the project (listed alphabetically), then click **Link**.
4. Click **Save**. To link a new project, click **Edit** and scroll down to **New Project**. Click **New Project**, fill in the information, then click **Save/Link**. Then click **Save** again to save the focus area with the recently linked project.

The screenshot displays the 'Focus Area Manager' interface. The top navigation bar includes the DNR logo, 'Focus Area Manager FORESTRY, FIRE AND STATE LANDS', a 'HOME' link, and a user profile 'Hi, [name]'. A search bar is present with the placeholder 'Enter address, place, or coordinates'. The main content area is split into a 'Map Themes' sidebar and a 'Details' panel. The 'Details' panel shows information for 'View Focus Area: West Indianola', including Name, Region (Wasatch Front Area), CWPP (North Sanpete County CWPP), Funding Source (CatFire), Risk Score (6.3539 - Moderate - High), and Geometry (1,851.94 Acres). A map on the right shows a yellow polygon drawn on a satellite view. Below the map is a 'Wildfire Risk' legend. At the bottom, a table lists focus areas with columns for ID, Name, Region, Risk Score, Acres, and Number of Projects. A '+ New Focus Area' button is located in the top right of the map area. Annotations with arrows point to the 'Focus Areas' tab, the '+ New Focus Area' button, the details form, and the table.

ID	Name	Region	Risk Score	Acres	Number of Projects	Actions
75		Wasatch Front Area	6.3539 - Moderate			Delete View Details Zoom
64		Bear River Area	6.2090 - Moderate			Delete View Details Zoom
62		Southeast Area	~2.8368 - Very Low	504,102.33	2	Delete View Details Zoom
61		Central Area	5.1752 - Moderate	5,604.87	0	Delete View Details Zoom
58	Test	Central Area	~6.0092 - Moderate - High	1,521,169.12	0	Delete View Details Zoom
54	Focus Area 10	Bear River Area	8.0896 - Very High	880.72	0	Delete View Details Zoom

Figure 7: Adding a New Focus Area

Adding a New Project

1. Verify the **Projects** tab is open in the table (if not, click **Projects**).
2. Click **+New Project** on the right of the tab.
3. Fill in the associated information (Name, FFSL Area, County, etc.) in Details. Draw or upload the geometry for the project. If drawing the geometry for a new focus area, click **Draw**. If drawing a line, click the line icon and a select a buffer. Draw the line then double click to complete the line. If drawing a polygon, select the polygon icon. Then draw the shape. Double click or return to the first point created to complete the drawing. If uploading a polygon, click **Upload**. Then select the file from the folder. The uploaded file must be a zip file containing, at minimum, the following extensions: shp, dbf, prj. For training or assistance uploading the correct file type, contact an FFSL GIS Analyst. To link an existing action, click **Link Action**, select the action (listed alphabetically), then click **Link**.
4. Click **Save**. To link a new action, click **Edit** and scroll down to **New Action**. Click **New Action**, fill in the information, then click **Save/Link**. Then click **Save** again to save the project with the recently linked action.

The screenshot displays the 'Focus Area Manager' interface. On the left, the 'View Project: South Indianola Ridge' details are shown in a form. The form fields include: Name (South Indianola Ridge), FFSL Area (Wasatch Front Area), County (Sanpete), Funding Source (CatFire), Project Code (FFWUI2021IR), Project Category (Mitigation), Name of CWPP or Preparedness Plan (North Sanpete County), and Primary FFSL Contact (John Doe). Below the form are 'Close' and 'Edit' buttons. The main area shows a map with a yellow polygon representing the project area and a blue line representing a water feature. A 'Wildfire Risk' legend is visible at the bottom of the map. On the right side of the map, there are callouts: '3. Fill in information and draw or upload polygon' pointing to the form fields, and '4. Click Save, then click Edit to link New Action' pointing to the 'Edit' button. At the bottom, a table lists projects. The 'Projects' tab is selected. A callout '1. Verify table is on the Projects tab' points to the table. Another callout '2. Click +New Project' points to the '+ New Project' button. The table has columns: Name, FFSL Area, County, Code, Project Category, Name of CWPP or Preparedness Plan, Primary FFSL Contact, Risk Score, and Actions. The table contains three rows of project data.

Name	FFSL Area	County	Code	Project Category	Name of CWPP or Preparedness Plan	Primary FFSL Contact	Risk Score	Actions
South Indianola Ridge	Wasatch Front Area	Sanpete	FFWUI2021IR	Mitigation	North Sanpete County	John Doe	6.1290 - Moderate - High	Delete View Details Zoom
Indianola Ridge Road	Wasatch Front Area	Sanpete	FFWUI2021IR	Mitigation	North Sanpete County		6.7563 - Moderate - High	Delete View Details Zoom
Indianola Ridge Burn Piles	Wasatch Front Area	Sanpete	FFWUI2021IR	Mitigation	North Sanpete County	John Doe	5.7811 - Moderate	Delete View Details Zoom

Figure 8: Adding a New Project

Adding a New Action

1. Verify the **Actions** tab is open in the table (if not, click **Actions**).
2. Click **+New Action** on the right of the tab.
3. Fill in the associated information (Name, Type, Status, etc.) in Details. Click **Upload**. Then select the file from the folder. The uploaded file must be a zip file containing, at minimum, the following extensions: shp, dbf, prj. For training or assistance uploading the correct file type, contact an FFSL GIS Analyst.
4. Click **Save** when finished.

The screenshot displays the 'Focus Area Manager' interface. The top navigation bar includes the DNR logo, 'Focus Area Manager FORESTRY, FIRE AND STATE LANDS', a user profile 'Hi, [name]', and a 'HOME' link. Below the navigation bar is a search bar with the placeholder text 'Enter address, place, or coordinates' and a 'Search' button. The main content area is divided into two sections: 'Map Themes' and 'Details'. The 'Details' section is titled 'Edit Action: South Indianola Ridge Phase 1' and contains the following form fields:

- Name: South Indianola Ridge Phase 1
- Type: Mechanical
- Start/End Date: 07/01/2021 to 08/01/2021
- Phase: 1
- Status: Complete
- Comments: Mowing/mastication by contractor.

Below the form are buttons for 'Draw', 'Upload', and 'Layers', and a 'Save' button. The 'Map Themes' section shows a map of the Indianola area with a yellow polygon representing the action area. A 'Legend' button is visible in the top right corner of the map. The bottom section of the interface shows a table of actions with the following columns: Name, Type, Start/End Date, and Actions. The table contains the following data:

Name	Type	Start/End Date	Actions
Indianola Ridge Burn Piles	Pile	03/01/2021 - 04/01/2021	Delete View Details Zoom
Indianola Ridge Burn Piles II	Pile	03/01/2021 - 04/01/2021	Delete View Details Zoom
Indianola Ridge Burn Piles III	Pile	03/01/2021 - 04/01/2021	Delete View Details Zoom
Indianola Ridge Road	Other: Cut/Chip	06/01/2021 - 07/01/2021	Delete View Details Zoom
Indianola Ridge Road Phase II	Other: Cut/Chip	06/01/2021 - 07/01/2021	Delete View Details Zoom
South Indianola Ridge Phase 1	Mechanical	07/01/2021 - 08/01/2021	Delete View Details Zoom

Annotations on the screenshot indicate the following steps:

1. Verify table is on the Actions tab
2. Click +New Action
3. Fill in information and upload polygon
4. Click Save

Figure 9: Adding a New Action