An aerial photograph of a landscape, possibly a coastal or urban area, with a semi-transparent text overlay. The background shows a mix of green, brown, and blue areas, with some buildings and roads visible. The text is centered and reads: "Tutorial F" and "How to Use IFTDSS to Acquire and Edit Spatial LANDFIRE Data".

Tutorial F

How to Use IFTDSS to Acquire and Edit Spatial LANDFIRE Data

Overview

This landscape-based tutorial covers

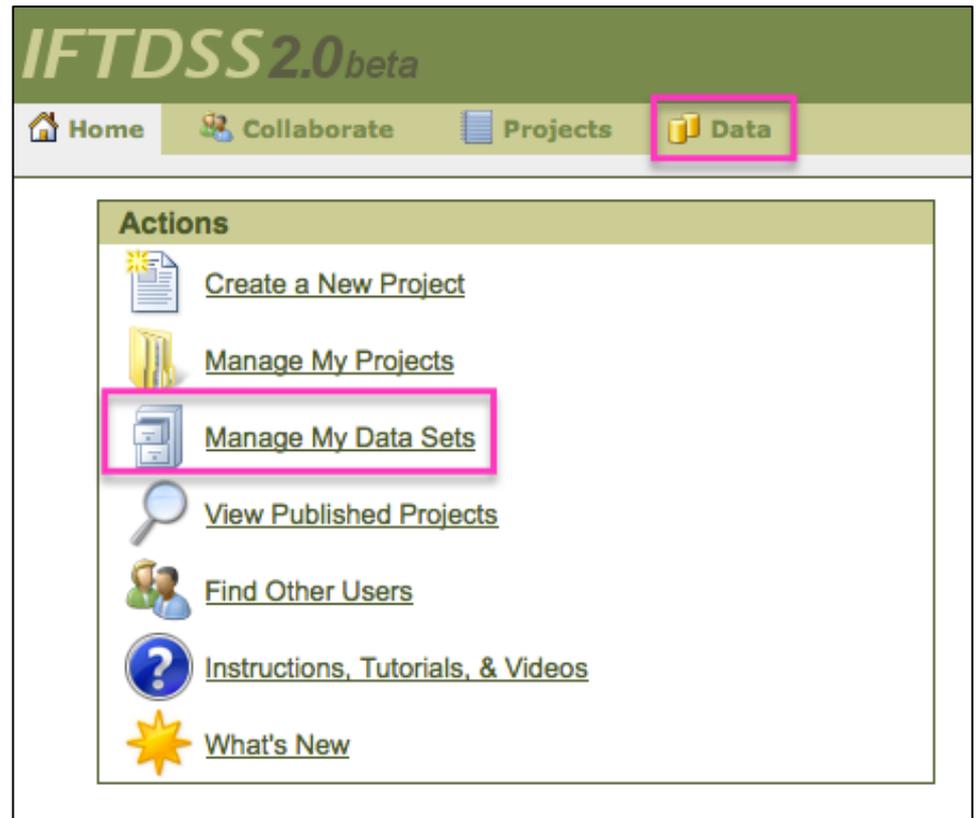
- How to upload or acquire LANDFIRE data.
 - Upload a landscape (.lcp) file and corresponding projection (.prj) file from your local machine
 - Acquire landscape data from LANDFIRE for a specified area of interest using map tools in IFTDSS.

- Editing LANDFIRE data in Data Studio.
 - Point edit – editing one pixel at a time.
 - Advanced edit – editing multiple pixels at once.
 - Polygon advanced edit – editing pixels within a user-drawn polygon.

Navigating to the Data Tab

To manage your data sets in IFTDSS, navigate to the Data tab.

Choose **Manage My Data Sets** on the Home page, or access the **Data** tab.



Introducing the Data Tab

From the **All Data** tab, you can do the following:

- View all saved data sets.
- Sort data sets by name, project, data type, date created, date modified, or status.
- Use the Actions dropdown to edit, copy, rename, or delete existing data sets.
- Search for data sets.
- Filter the view of data sets by project name or data type.
- Select how many data sets you wish to view per page.

From the **Data** tab, select the **LANDFIRE/LCP Data** tab.

All data sets containing LANDFIRE data can be viewed and edited on this tab.

The screenshot displays the IFTDSS 2.0 beta web application. The top navigation bar includes links for Home, Collaborate, Projects, and Data. The user is logged in as Lorentz, Kimberly. The main content area is titled 'Saved Data Sets' and features a tabbed interface with 'All Data', 'LANDFIRE/LCP Data', and 'Fuelbed Data'. The 'LANDFIRE/LCP Data' tab is selected and highlighted with a pink box. Below the tabs, there is a search bar and a 'Show 10 entries' dropdown. A table lists various data sets with columns for Data Set Name, Project Name, Data Type, Date Created, Date Modified, Status, and Actions. The table contains 10 entries, including 'Olmopali Risk -Run 1...', '.South Lake Tahoe HA', 'Red Bull Unit', 'Tecuya Project Area', 'Olmopali State Histo...', 'Olmopali Fuels Treat...', 'Olmopali Risk-Run 1 ...', 'Olmopali Risk-Run 1 ...', 'Olmopali VAR', and 'South Lake Tahoe'. At the bottom, there are filter dropdowns and pagination controls showing 'Showing 1 to 10 of 10 entries'.

Data Set Name	Project Name	Data Type	Date Created	Date Modified	Status	Actions
Olmopali Risk -Run 1...	Risk Assessment - Ol...		01/06/2014	01/06/2014	Ready	
.South Lake Tahoe HA		IFT-LANDFIRE LCP	01/03/2014	01/03/2014	Ready	
Red Bull Unit		IFT-LANDFIRE LCP	09/17/2013	09/17/2013	Ready	
Tecuya Project Area		IFT-LANDFIRE LCP	09/17/2013	09/17/2013	Ready	
Olmopali State Histo...		IFT-LANDFIRE LCP	09/03/2013	09/03/2013	Ready	
Olmopali Fuels Treat...		IFT-LANDFIRE LCP	09/03/2013	09/03/2013	Ready	
Olmopali Risk-Run 1 ...			07/25/2013	07/25/2013	Ready	
Olmopali Risk-Run 1 ...		Values at Risk	07/25/2013	07/25/2013	Ready	
Olmopali VAR		Polygons, Values at Risk	07/25/2013	07/25/2013	Ready	
South Lake Tahoe		IFT-LANDFIRE LCP	06/24/2013	06/24/2013	Ready	

Uploading a Landscape (.LCP) File into IFTDSS

From the **LANDFIRE/LCP Data** tab, there are two options for loading .lcp files into IFTDSS:

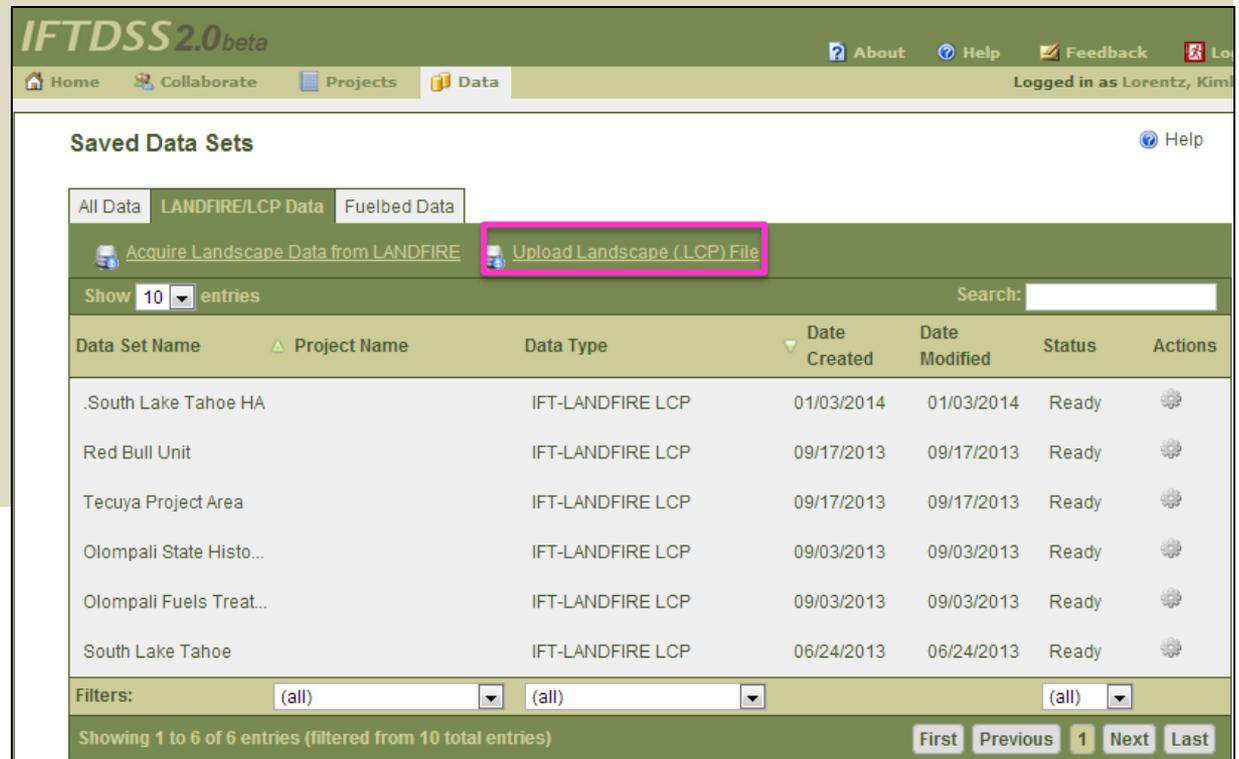
- Option 1. **Upload a Landscape (.LCP) File** and corresponding projection (.prj) file from your local machine.
- Option 2. **Acquire Landscape Data from LANDFIRE** for a specified area of interest using map tools in IFTDSS. The corresponding .lcp data will be retrieved and loaded into IFTDSS.

Option 1: Upload a Landscape (.LCP) File

To create a data set, you can upload a LANDFIRE landscape file (an .lcp file and accompanying .prj file) from your local computer.

To upload a data set, Choose **Upload Landscape (.LCP) File**.

This opens the **Upload New Data Set** page.



The screenshot shows the IFTDSS 2.0 beta web interface. The top navigation bar includes 'Home', 'Collaborate', 'Projects', and 'Data'. The 'Data' tab is selected. Below the navigation bar, there are three tabs: 'All Data', 'LANDFIRE/LCP Data', and 'Fuelbed Data'. The 'LANDFIRE/LCP Data' tab is active, showing two buttons: 'Acquire Landscape Data from LANDFIRE' and 'Upload Landscape (.LCP) File'. The 'Upload Landscape (.LCP) File' button is highlighted with a pink box. Below the buttons, there is a 'Show 10 entries' dropdown and a search bar. A table lists data sets with columns for Data Set Name, Project Name, Data Type, Date Created, Date Modified, Status, and Actions. The table contains six entries, all with a status of 'Ready'. At the bottom, there are filter dropdowns and pagination controls.

Data Set Name	Project Name	Data Type	Date Created	Date Modified	Status	Actions
.South Lake Tahoe HA		IFT-LANDFIRE LCP	01/03/2014	01/03/2014	Ready	
Red Bull Unit		IFT-LANDFIRE LCP	09/17/2013	09/17/2013	Ready	
Tecuya Project Area		IFT-LANDFIRE LCP	09/17/2013	09/17/2013	Ready	
Olympic State Histo...		IFT-LANDFIRE LCP	09/03/2013	09/03/2013	Ready	
Olympic Fuels Treat...		IFT-LANDFIRE LCP	09/03/2013	09/03/2013	Ready	
South Lake Tahoe		IFT-LANDFIRE LCP	06/24/2013	06/24/2013	Ready	

Uploading a Landscape (.LCP) File into IFTDSS

On the **Upload New Data Set** page, enter a name for your data set. This name will later be displayed on the **Saved Data Sets** page.

Add a file by choosing **Choose File** under **Uploaded Files**. Browse on your local computer for the file (in .lcp format).

Once you have found the desired file, choose **Add File**.

Repeat the previous steps to add the corresponding .prj file (each .lcp file also needs a corresponding .prj file).

Once you have selected all the files you want to upload, choose **Finish** to upload the files.

Note: The file upload size is limited to 24 MB.

Upload New Data Set

To upload your data:

- 1) Give the data set a name.
- 2) Choose a file from your computer that you would like to upload.
- 3) Click **Add File**.
- 4) Repeat for any additional files.
- 5) Click **Finish**.

To upload a .lcp file, you will also need to upload the associated projection file (.prj). An uploaded set of .lcp and .prj files becomes a saved data set.

Data Set

(Required) Enter a name for this new data set.

Data Set Name

Uploaded Files

✗ Landscape_1.lcp
✗ Landscape_1.prj

Add File

No file chosen

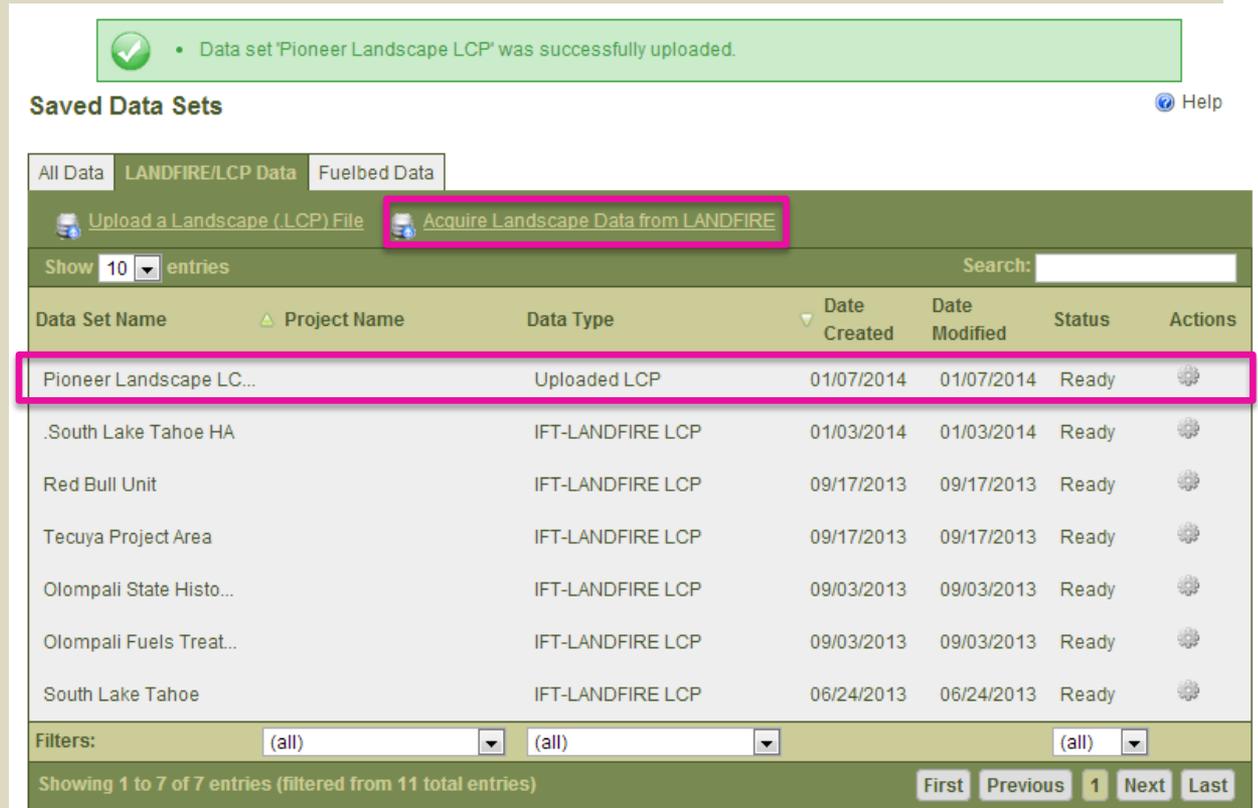
Acquiring Landscape Data from LANDFIRE Using IFTDSS

After you have uploaded your file(s), your new data set will be listed on the **Saved Data Sets** page under the LANDFIRE/LCP Data tab and the **All Data** tab. All uploaded .lcp data sets will be tagged with the data type “Uploaded LCP.”

Note: Because you created the data set directly and not as part of a project, there is no project associated with the data set.

Next, we will acquire spatial LANDFIRE data using IFTDSS.

From the LANDFIRE/LCP Data tab, select **Acquire Landscape Data from LANDFIRE**.



The screenshot displays the IFTDSS interface. At the top, a green notification box states: "Data set 'Pioneer Landscape LCP' was successfully uploaded." Below this is the "Saved Data Sets" section, which includes tabs for "All Data", "LANDFIRE/LCP Data", and "Fuelbed Data". The "LANDFIRE/LCP Data" tab is active, showing two options: "Upload a Landscape (LCP) File" and "Acquire Landscape Data from LANDFIRE". The "Acquire Landscape Data from LANDFIRE" option is highlighted with a pink box. Below the tabs, there is a "Show 10 entries" dropdown and a search bar. A table lists the data sets with columns for Data Set Name, Project Name, Data Type, Date Created, Date Modified, Status, and Actions. The first row, "Pioneer Landscape LC...", is highlighted with a pink box. The table contains 7 entries, all with a status of "Ready". At the bottom, there are filter dropdowns and pagination controls showing "Showing 1 to 7 of 7 entries (filtered from 11 total entries)".

Data Set Name	Project Name	Data Type	Date Created	Date Modified	Status	Actions
Pioneer Landscape LC...		Uploaded LCP	01/07/2014	01/07/2014	Ready	
.South Lake Tahoe HA		IFT-LANDFIRE LCP	01/03/2014	01/03/2014	Ready	
Red Bull Unit		IFT-LANDFIRE LCP	09/17/2013	09/17/2013	Ready	
Tecuya Project Area		IFT-LANDFIRE LCP	09/17/2013	09/17/2013	Ready	
Olympali State Histo...		IFT-LANDFIRE LCP	09/03/2013	09/03/2013	Ready	
Olympali Fuels Treat...		IFT-LANDFIRE LCP	09/03/2013	09/03/2013	Ready	
South Lake Tahoe		IFT-LANDFIRE LCP	06/24/2013	06/24/2013	Ready	

Acquiring Landscape Data from LANDFIRE using IFTDSS

This link takes you to the **Acquire Data from LANDFIRE** page, where you will

- Name your data set
- Choose a [LANDFIRE data layer](#)
- Select a fuel model type ([Scott and Burgan 40](#) or [Anderson 13](#))

The next page shows you how to select an area of interest for your project using the map window.

Acquire Data from LANDFIRE

Data Set Name

LANDFIRE Data Layer

Fuel Model

North

West

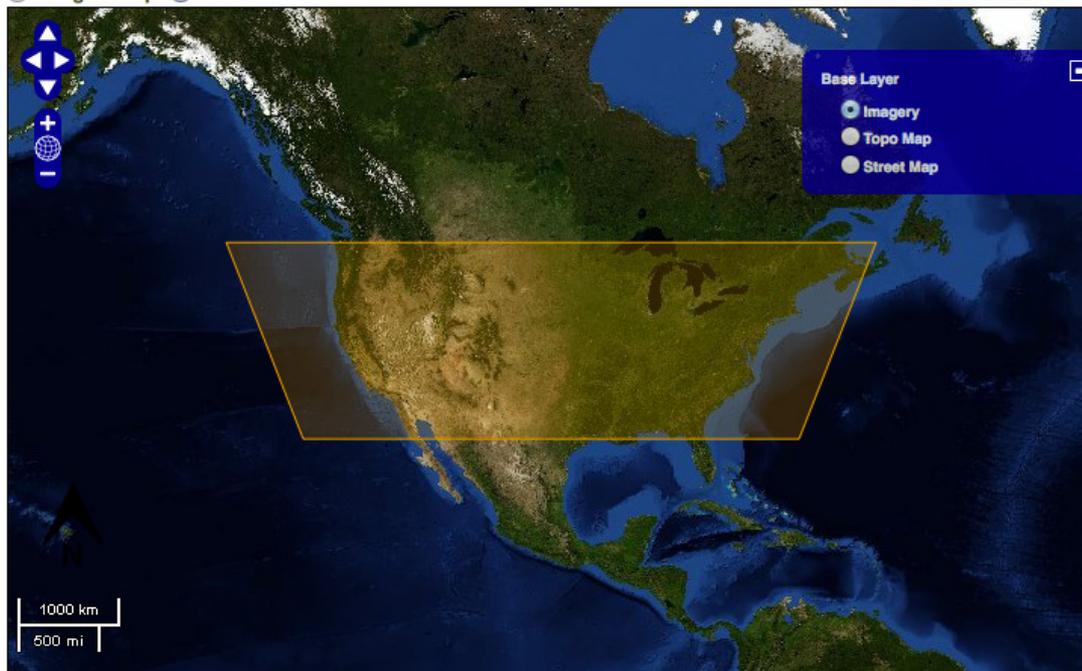
East

South

Define the area for your LANDFIRE data set by using the Draw Box tool to select an area on the map below or by using the latitude and longitude coordinate boxes to the left.

Navigate Map Draw Box

Selected area: 2,916,820,563.86 acres



Back

Acquire

Acquiring Landscape Data from LANDFIRE Using IFTDSS

To set your area of interest, use one of these three options:

- A** Select the **Navigate Map** button above the map, then use the navigation tools located in the top left portion of the map. After navigating to your area of interest, select **Draw Box** to manually draw your area of interest on the map.
- B** Select the **Navigate Map** button above the map, then use the mouse. Click and drag to move; double-click to zoom in. After navigating to your area of interest, select **Draw Box** to manually draw your area of interest on the map.
- C** Enter the geographic coordinate extents of your area of interest using the coordinate entry boxes.

Once you have defined your area of interest, choose **Acquire**.

Acquire Data from LANDFIRE

Data Set Name
Olompali State Historic Park

LANDFIRE Data Layer
LANDFIRE 2008 (v 1.10)

Fuel Model
Scott and Burgan 40

North
38.156466540076

West **East**
-122.6020759038 -122.5521224431

South
38.121092708891

Navigate Map Draw Box

Selected area: 4,282.64 acres

Base Layer
 Imagery
 Topo Map
 Street Map

1000 m
2000 ft

Back **Acquire**

Acquiring Landscape Data from LANDFIRE Using IFTDSS

After your data set has been successfully acquired, you are returned to the **Saved Data Sets** page on the **LANDFIRE/LCP Data** tab, where a message confirms that IFTDSS has successfully acquired your data. Your new data set is in the list of available data sets. All LANDFIRE data sets acquired through IFTDSS will be tagged with the data set type “IFT-LANDFIRE LCP.”

Note: Because you created the data set directly and not as part of a project, there is no project associated with the data set.

Next, we will edit LANDFIRE data using Data Studio.

 • Data set 'Olmopali State Historic Park' was successfully acquired from LANDFIRE.

Saved Data Sets Help

All Data **LANDFIRE/LCP Data** Fuelbed Data Treelist Data

 Upload a Landscape (.LCP) File  Acquire Landscape Data from LANDFIRE

Show 10 entries Search:

Data Set Name	Project Name	Data Type	Date Created	Date Modified	Status	Actions
Olmopali State Histo...		IFT-LANDFIRE LCP	01/17/2013	01/17/2013	Ready	
Red Bull Unit	Red Bull	IFT-LANDFIRE LCP	01/06/2013	01/06/2013	Ready	
Tecuya Project Area	Tecuya Burn Unit	IFT-LANDFIRE LCP	01/05/2013	01/05/2013	Ready	
South Lake Tahoe.	Landscape Hazard Ana...	IFT-LANDFIRE LCP	01/03/2013	01/03/2013	Ready	
South Lake Tahoe	Landscape Hazard Ana...	IFT-LANDFIRE LCP	01/03/2013	01/03/2013	Ready	
Mendicino NF		IFT-LANDFIRE LCP	12/31/2012	12/31/2012	Ready	
Mendicino NF (copy)	Wolf Creek	IFT-LANDFIRE LCP	12/31/2012	12/31/2012	Ready	
West Petaluma	IFTDSS Portland Work...	IFT-LANDFIRE LCP	12/02/2012	12/02/2012	Ready	

Filters: (all) (all) (all)

Showing 1 to 8 of 8 entries (filtered from 12 total entries) First Previous 1 Next Last

Opening Data Studio in IFTDSS

From the data set you would like to edit, click on the **Actions** dropdown and select **Edit**.
Data Studio opens in a new window.

Important: Because Data Studio opens in a new browser window, you'll need to disable pop-up blockers.

Saved Data Sets

All Data **LANDFIRE/LCP Data** Fuelbed Data Treelist Data

[Upload a Landscape \(.LCP\) File](#) [Acquire Landscape Data from LANDFIRE](#)

Show 10 entries Search:

Data Set Name	Project Name	Data Type	Date Created	Date Modified	Status	Actions
Olompali State Histo...		IFT-LANDFIRE LCP	01/17/2013	01/17/2013	Ready	  Edit
Red Bull Unit	Red Bull	IFT-LANDFIRE LCP	01/06/2013	01/06/2013	Ready	  Copy
Tecuya Project Area	Tecuya Burn Unit	IFT-LANDFIRE LCP	01/05/2013	01/05/2013	Ready	  Rename
South Lake Tahoe.	Landscape Hazard Ana...	IFT-LANDFIRE LCP	01/03/2013	01/03/2013	Ready	  Delete
South Lake Tahoe	Landscape Hazard Ana...	IFT-LANDFIRE LCP	01/03/2013	01/03/2013	Ready	
Mendicino NF		IFT-LANDFIRE LCP	12/31/2012	12/31/2012	Ready	
Mendicino NF (copy)	Wolf Creek	IFT-LANDFIRE LCP	12/31/2012	12/31/2012	Ready	
West Petaluma	IFTDSS Portland Work...	IFT-LANDFIRE LCP	12/02/2012	12/02/2012	Ready	

Filters: (all) (all) (all)

Showing 1 to 8 of 8 entries (filtered from 12 total entries) **First** **Previous** **1** **Next** **Last**

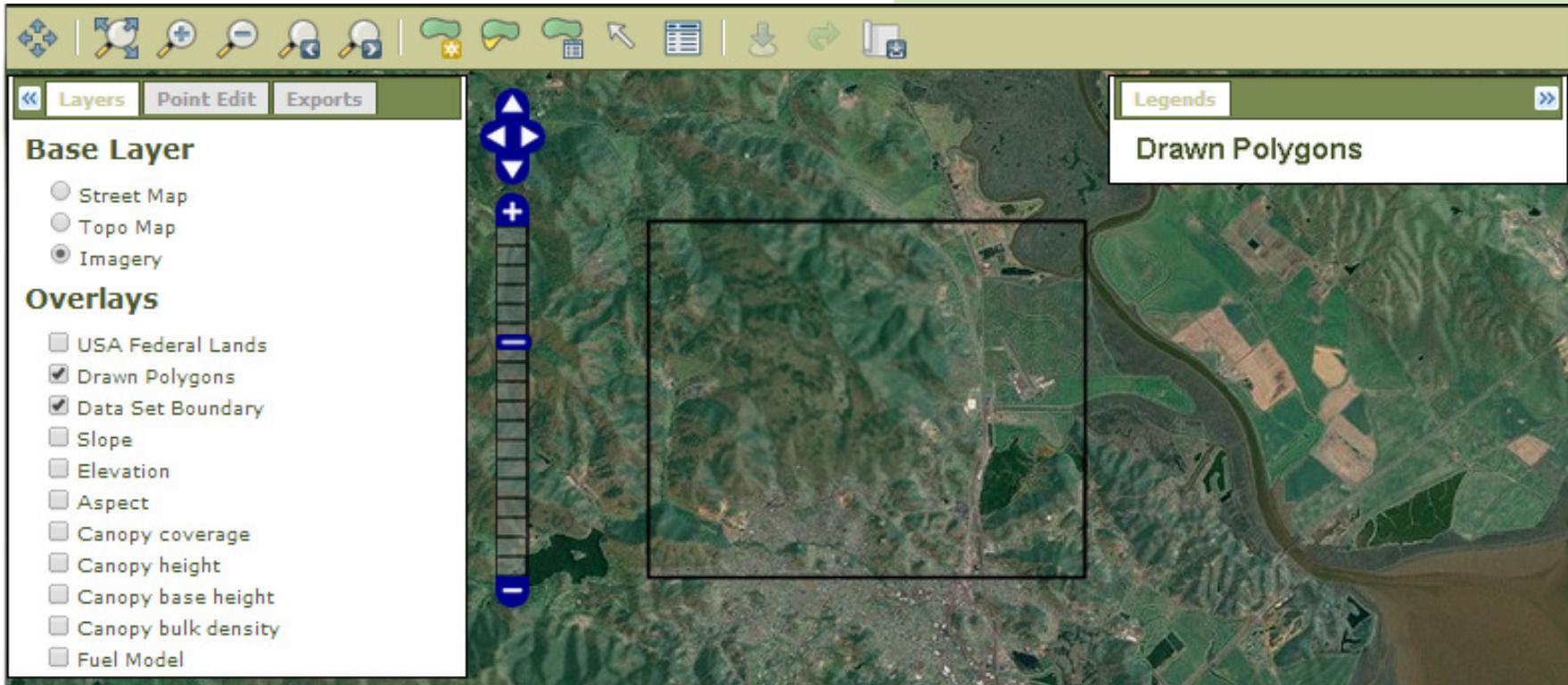
Introducing the Map Toolbar

- Pan
- Zoom to initial extent
- Zoom in
- Zoom out
- Go back to previous pan/zoom
- Go forward to next pan/zoom
- Draw polygon
- Modify polygon
- Polygon advanced edit
- Point edit
- Advanced edit
- Save All
- Revert
- Save map image

Now, you are in Data Studio.

The map toolbar, located at the top of the map, provides tools for viewing and editing data.

Hover your cursor over each tool for a brief description of that tool.



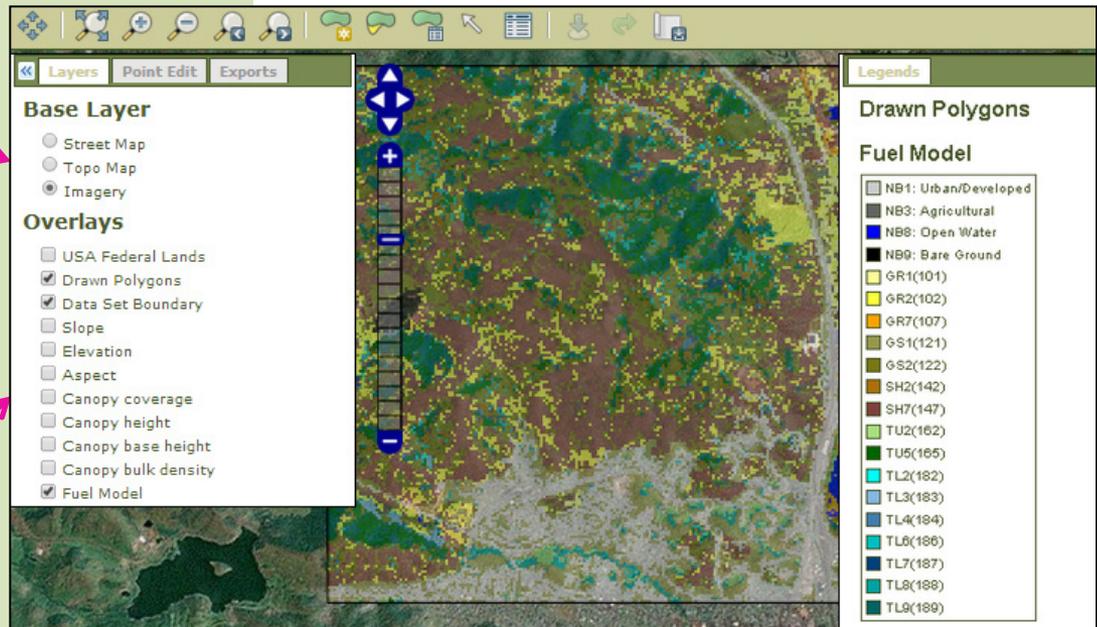
Reviewing Spatial Landscape Data

You can view the spatial area using different base layers.

- Imagery
- Topo map
- Street map

You can view your spatial landscape data by the following LANDFIRE data layers:

- USA Federal Lands polygons
- Elevation
- Slope
- Aspect
- Canopy Coverage
- Canopy Height
- Canopy Base Height
- Canopy Bulk Density
- Fuel Model



Editing Spatial Landscape Data (One Pixel at a Time)

If you need to edit the spatial landscape data, you can use three editing tools on the map toolbar.

- **Point Edit:** edit one pixel at a time
- **Advanced Edit:** edit pixels across the entire run area.
- **Polygon Advanced Edit:** edit pixels within a user-drawn polygon

To edit one pixel at a time:

A Select the **Point Edit** tool.



B Click on the pixel you would like to edit, and the **Point Edit** panel appears.

C Edit the pixel data and choose **Save**.

The screenshot shows the software interface with the **Point Edit** panel open. The panel contains the following fields and values:

- Slope (percent): 40.4026
- Elevation (ft): 1236.8766
- Aspect (deg): 115
- Canopy coverage (percent): 0
- Canopy height (ft): 0
- Canopy base height (ft): 0
- Canopy bulk density (lb/ft³): 0
- Fuel Model: GR2(102): Low Load, Dry Climate Grass (D₁)

Buttons for **Save** and **Cancel** are at the bottom of the panel. A legend on the right side of the map shows various fuel models and their corresponding colors.

The next page shows how to edit the spatial landscape data using the **Advanced Edit** tool.

Editing Spatial Landscape Data (Multiple Pixels across the Run Area)

In the previous example, we showed how to edit pixels one at a time. You can also use the **Advanced Edit** tool to edit multiple pixels at once.

To get started, select the **Advanced Edit tool**.



The **Advanced Edit** panel appears.

In this panel, you can modify any of the spatial data in query format so that multiple pixels can be changed at once.

Next, you will learn how to edit pixels using the **Advanced Edit tool**.

At coordinates where:

Fuel Model
is equal to
GR1(101): Short, Sparse Dry Climate Grass (Dynamic)

(add more criteria)

Modify Values:

Modify
Fuel Model
by
setting to
GR4(104): Moderate Load, Dry Climate Grass (Dynamic)

(modify more values)

Submit Reset Cancel

Legends

Drawn Polygons

Fuel Model

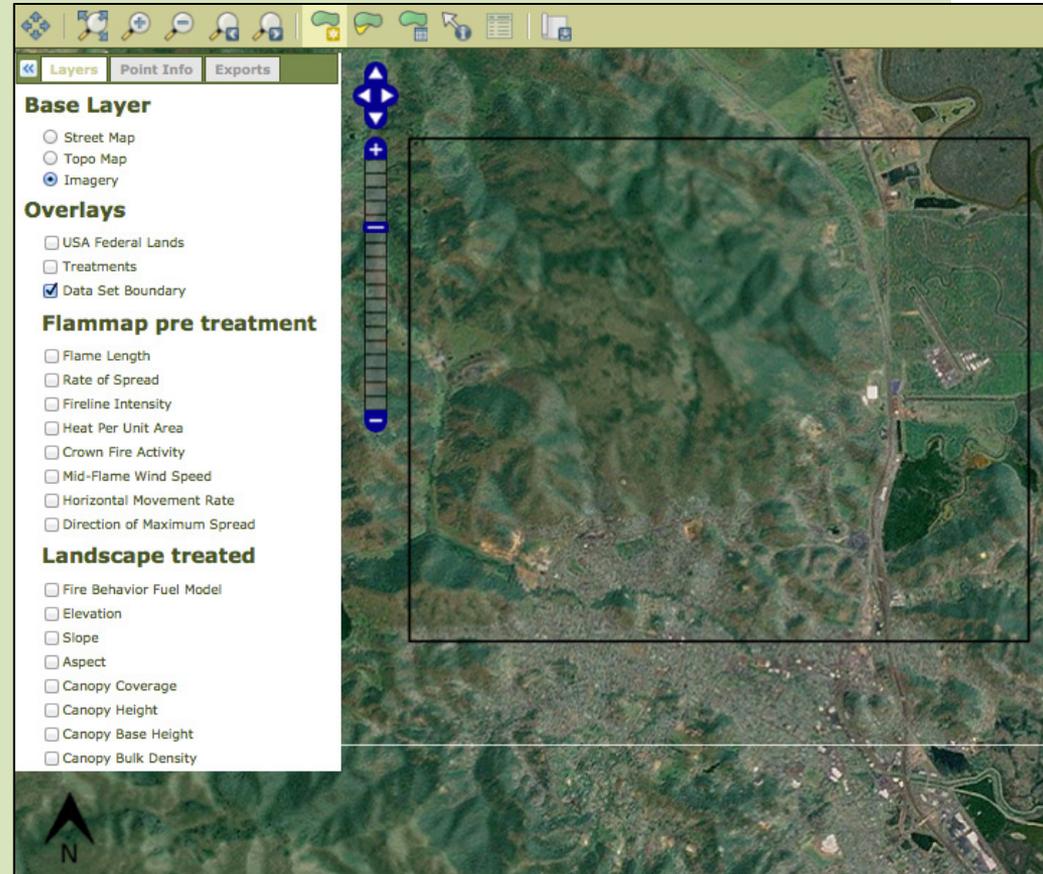
- NB1: Urban/Developed
- NB3: Agricultural
- NB8: Open Water
- NB9: Bare Ground
- GR1(101)
- GR2(102)
- GR7(107)
- GS1(121)
- GS2(122)
- SH2(142)
- SH7(147)
- TU2(162)
- TU5(165)
- TL2(182)
- TL3(183)
- TL4(184)
- TL6(186)
- TL7(187)
- TL8(188)
- TL9(189)

Editing Spatial Landscape Data (Multiple Pixels within a Polygon)

In the next few steps, you will draw polygons and edit LANDFIRE data within the polygons.

There are two methods for using the map tools to draw polygons.

1. The **freeform drawing method** is useful when
 - You want to quickly and easily draw polygons.
 - You have a small area of interest.
 - You can see the entire area your polygon will encompass without moving the map.
2. The **point and click method** is useful when
 - You want to zoom in to make a detailed polygon.
 - You need to move the map (using the pan tool) while you are drawing a polygon.



These polygon drawing methods are discussed on pages 17 through 24.

Editing Spatial Landscape Data – Freeform Drawing Method

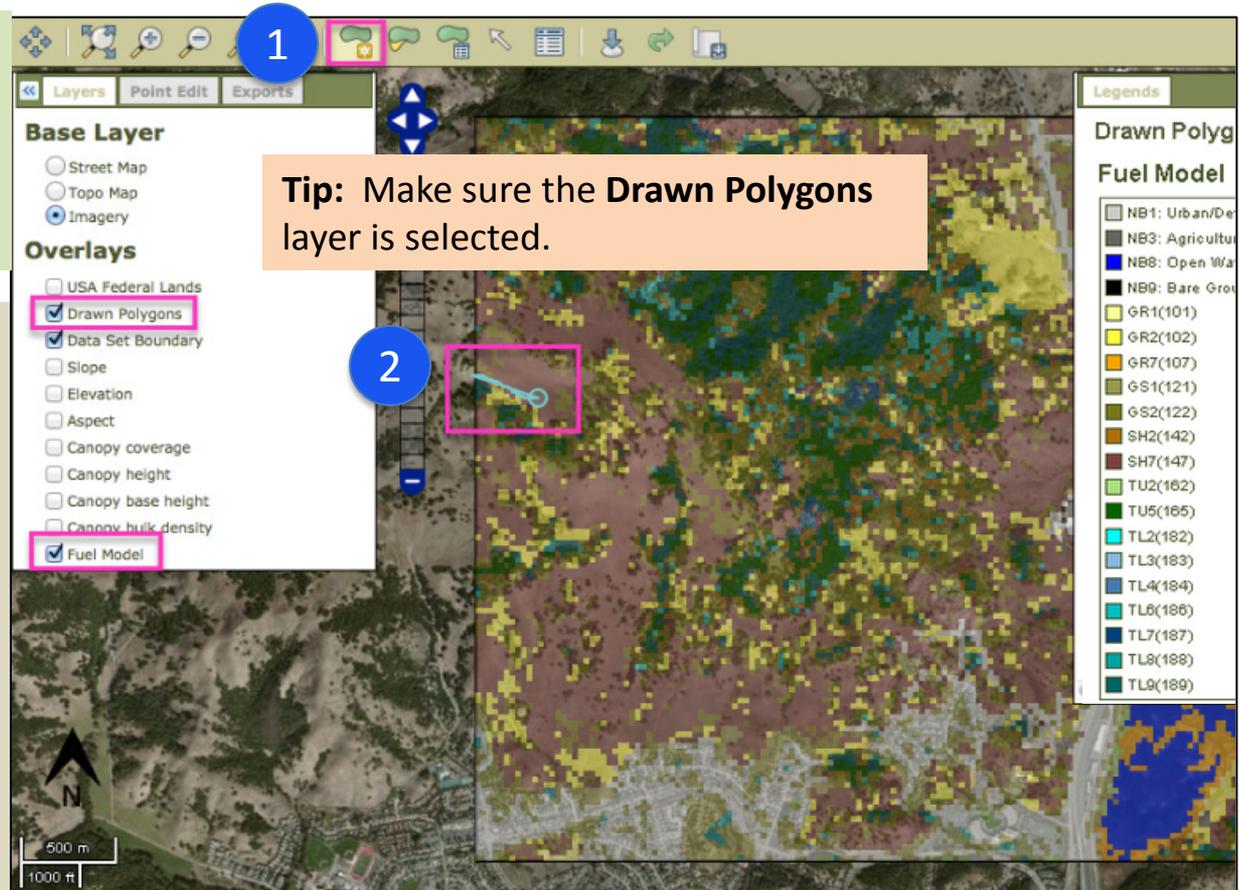
In this step, you use the freeform drawing method to outline an area within your landscape that you would like to edit.

1 Select the **Draw Polygon** tool.

2 While holding down the **Shift** key, click on the map, hold down the left mouse button and start drawing your first polygon.

3 Continue to hold down the shift key and left mouse button. Moving the mouse as if it were a pencil, draw your polygon.

Let go of the left mouse button when you are done drawing the polygon. This creates the polygon and opens the **Edit Feature** panel (shown on the next page).



Using the Edit Feature Panel to Define a Polygon

After you create the polygon, the **Edit Feature** panel appears. To define the polygon,

- 1 Name the polygon. We name ours GR7 High Load.
- 2 Give the polygon a color.
 - Click on the **Color** text box. A color wheel appears.
 - Use the color wheel to choose a color.
 - Use the inner box to choose the shade of the color selected.
- 3 Choose **Submit** to save the polygon data.

The screenshot shows the GIS software interface with the **Edit Feature** panel open. The panel has tabs for **Layers**, **Point Edit**, **Edit Feature**, and **Exports**. The **Edit Feature** panel contains the following elements:

- Edit Feature:** (New Feature) dropdown menu (1)
- Name:** GR7 High Load text box
- Color:** #e6ff00 text box and a color wheel (2)
- Submit**, **Delete**, and **Cancel** buttons (3)

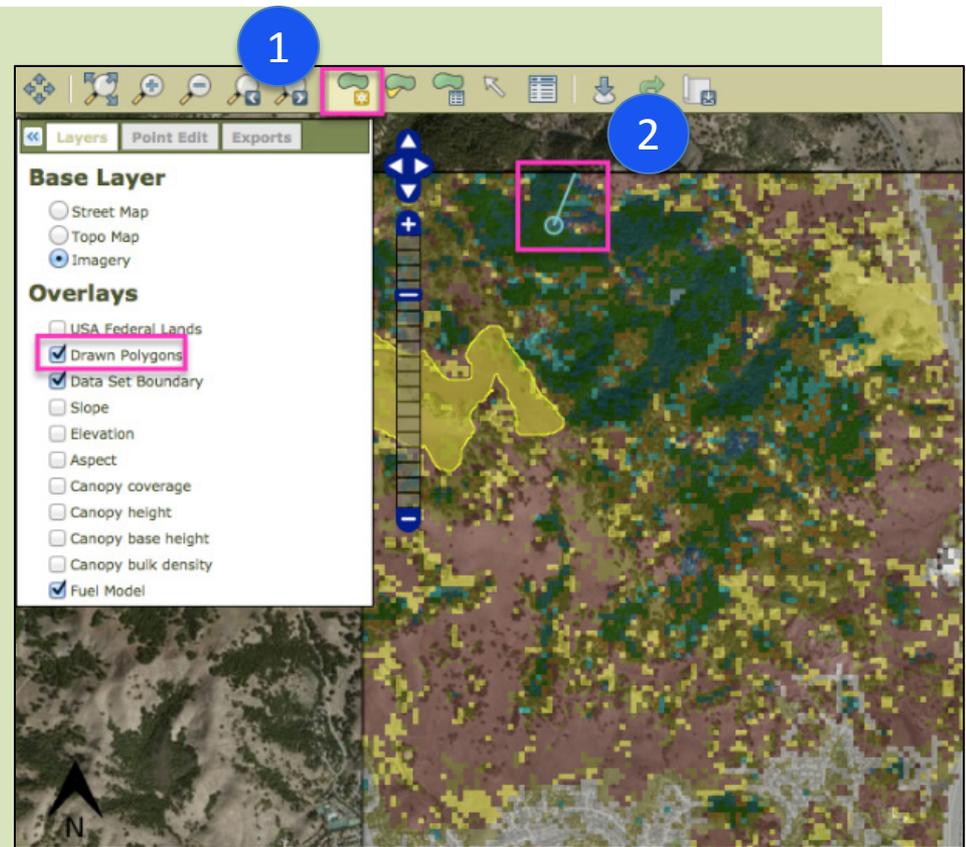
A tip box in the bottom right corner states: **Tip:** You can modify the shape of a polygon by clicking on the **Modify Polygon** tool () and then clicking on the polygon. You will be able to edit each vertex.

Editing Spatial Landscape Data – Point and Click Method

Next, define another polygon using the **point and click method**.

- 1 Select the **Draw Polygon** tool.
- 2 Click on the map and release to start drawing your first polygon.
- 3 Move the mouse to a new point and click to add another point. Before moving on, make sure the point is established (by moving the mouse away from the point). Continue this process until you are done drawing your polygon.

Double-click when you are done drawing the polygon to create the polygon and to open the **Edit Feature** panel (shown on the next page).

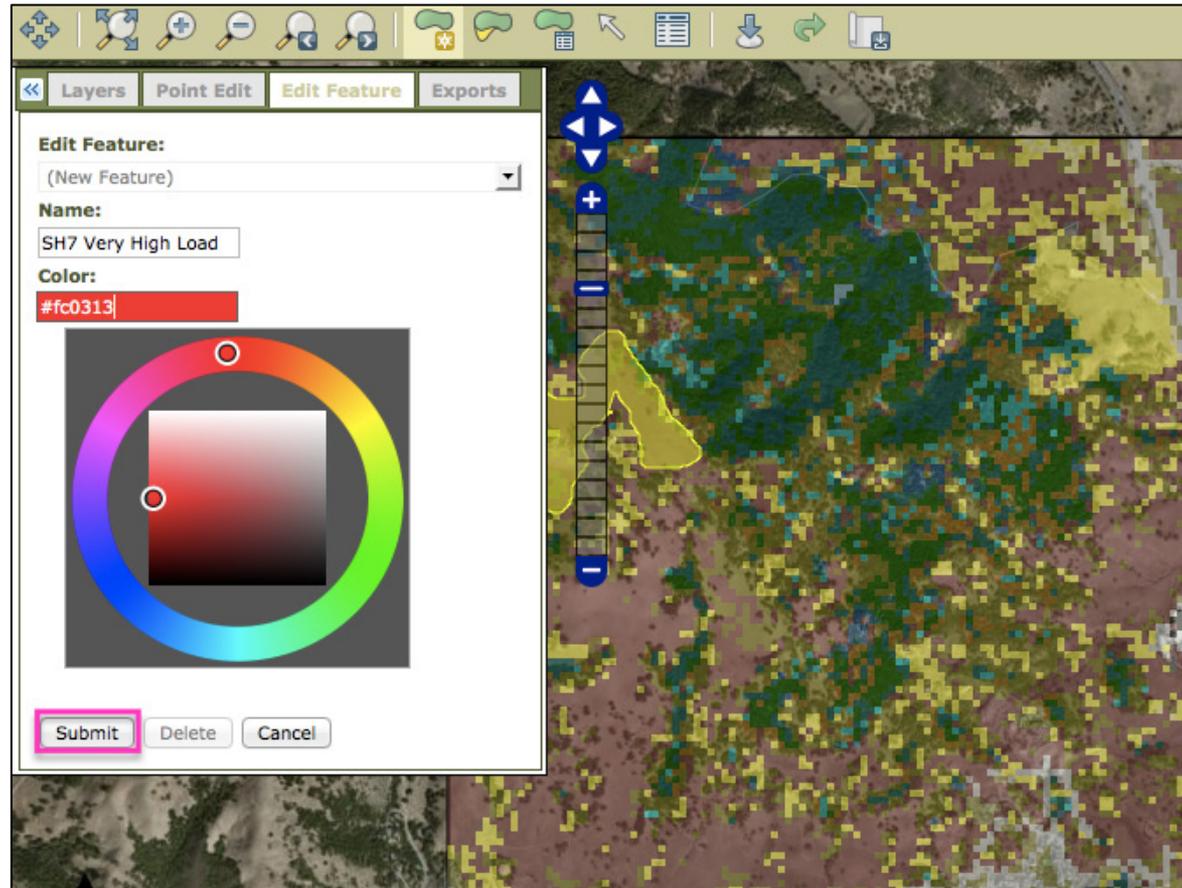


Using the Edit Feature Panel to Define a Polygon

After you double-click to create the polygon, the **Edit Feature** panel appears. To define the polygon,

1. Name the polygon. We name ours SH7 Very High Load.
2. Give the polygon a color.
 - Click on the **Color** text box. A color wheel appears.
 - Use the color wheel to choose a color.
 - Use the inner box to choose the shade of the color selected.
3. Choose **Submit** to save the polygon data.

Next, we will edit the landscape data within these polygons.

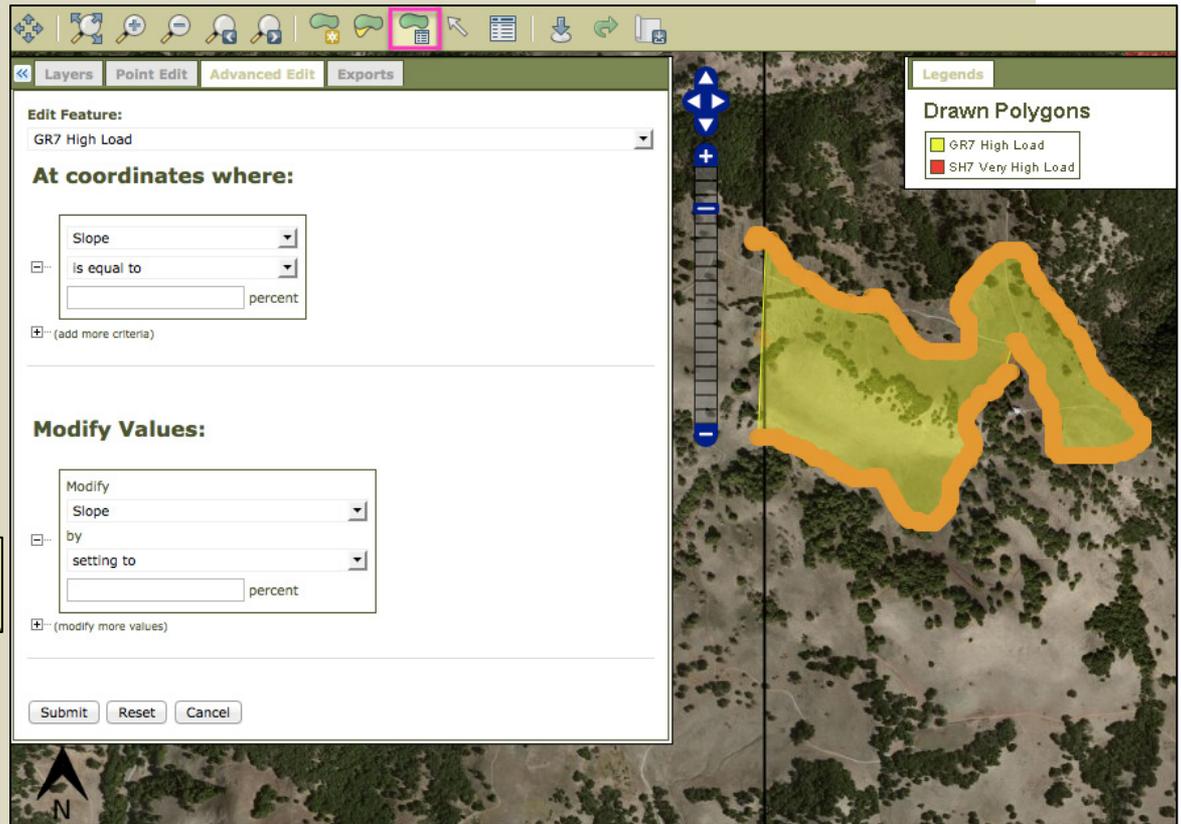


Editing LANDFIRE Data within a Polygon

Now that we have created two polygons, the next step is to manually edit the landscape (LANDFIRE) data within these polygons.

Within the polygons, you can edit:

- Fire behavior fuel model
- Canopy coverage
- Canopy height
- Canopy base height
- Canopy bulk density
- Slope
- Aspect
- Elevation



Select the **Polygon Advanced Edit** tool, and click on the GR7 High Load polygon.

The **Advanced Edit** panel appears (discussed on next page).

Editing Spatial Landscape Data (Multiple Pixels Within a Polygon)

You can modify the landscape data within a polygon using the **Advanced Edit** panel.

The **Advanced Edit** panel edits the pixels within the selected polygon using a query format. In this example, we will modify all pixels within the polygon that are assigned the fuel model SH7(147): Very High Load, Dry Climate Shrub and assign them the fuel model GR7(107): High Load, Dry Climate Grass (Dynamic).

Choose **Submit** to make edits to the polygon.

Advanced Edit panel configuration:

- Edit Feature:** GR7 High Load
- At coordinates where:**
 - Fuel Model
 - is equal to
 - SH7(147): Very High Load, Dry Climate Shrub
- Modify Values:**
 - Modify
 - Fuel Model
 - by setting to
 - GR7(107): High Load, Dry Climate Grass (Dynamic)

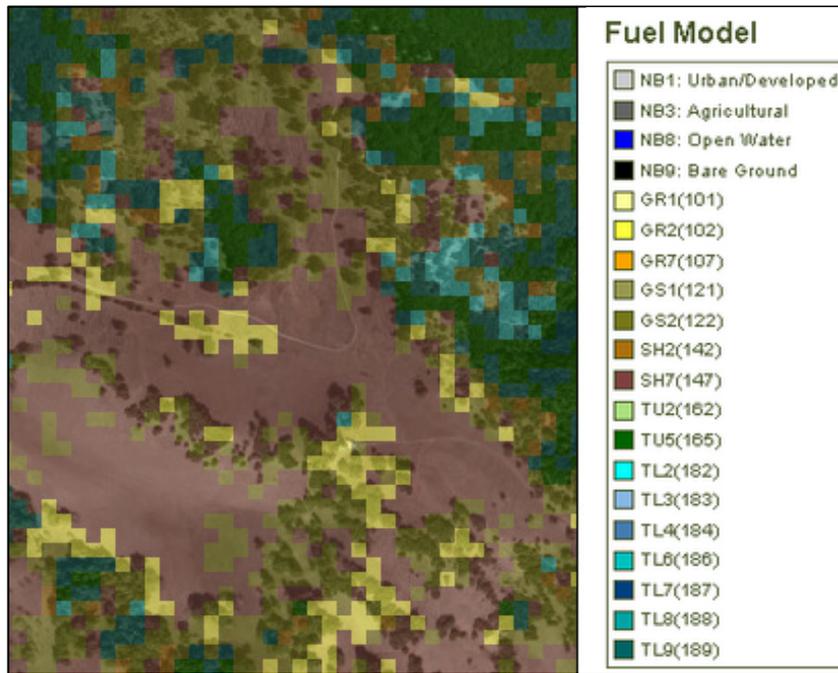
Buttons: **Submit**, Reset, Cancel

Editing Spatial Landscape Data (Multiple Pixels Within a Polygon)

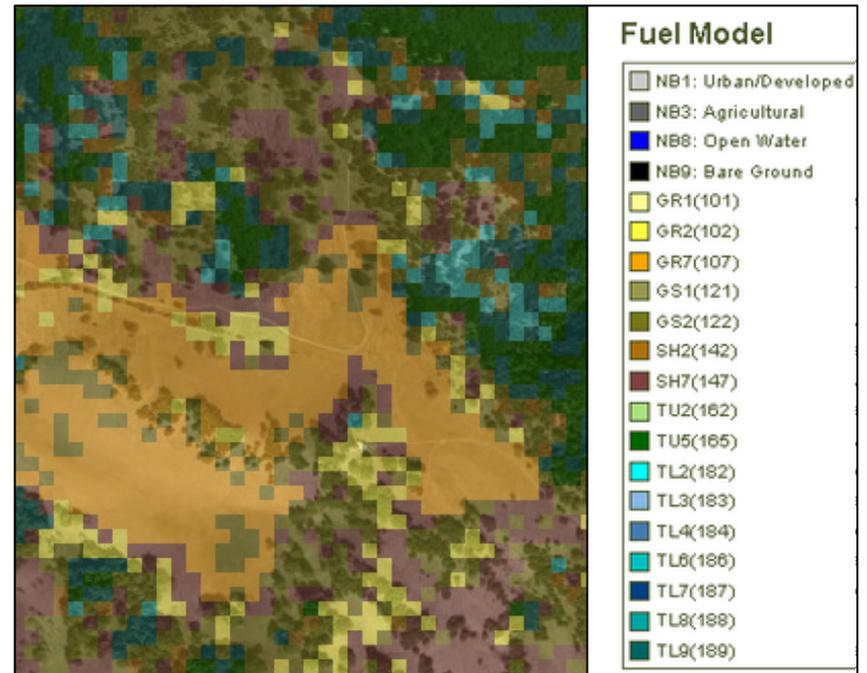
After you choose **Submit**, your edits to the landscape data are made to your polygon.

Next, we will edit landscape data within the other polygon.

Before Edits



After Edits



Editing Spatial Landscape Data (Multiple Pixels Within a Polygon)

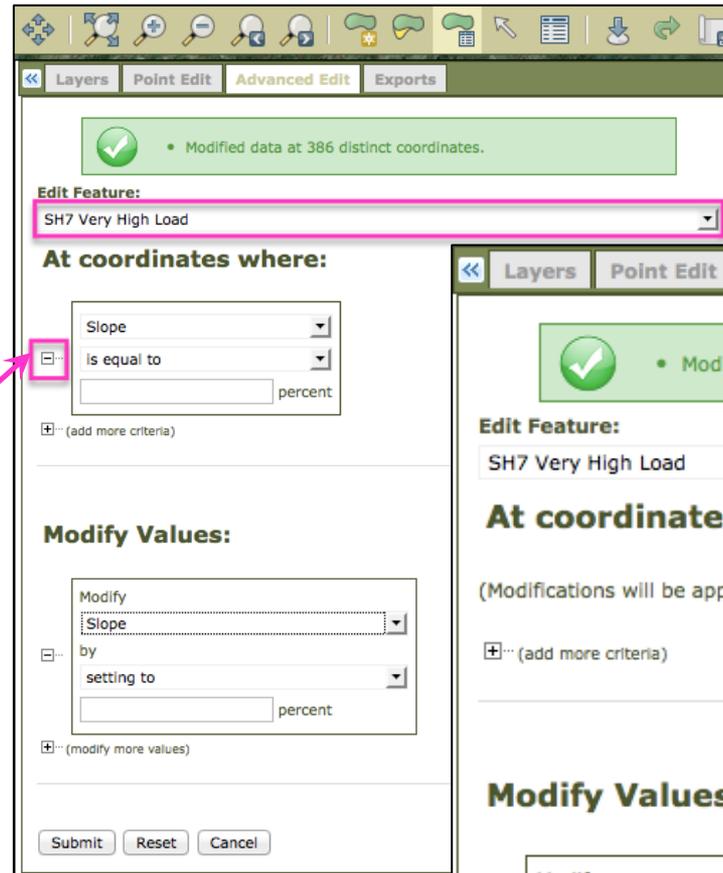
Next, we will modify the SH7 Very High Load polygon.

On the **Advanced Edit** panel, under the **Edit Feature** dropdown, select SH7 Very High Load.

For this polygon edit, we want to apply our edits to all pixels within the polygon. To do this, click on the minus sign (⊖) to the left of the “At coordinates where” box.

Now, the modifications will be applied to the entire polygon. For this polygon edit, change the fire behavior fuel model to SH7(147): Very High Load, Dry Climate Shrub.

Choose **Submit**.



Layers | Point Edit | **Advanced Edit** | Exports

Modified data at 386 distinct coordinates.

Edit Feature:
SH7 Very High Load

At coordinates where:

Slope
is equal to
percent

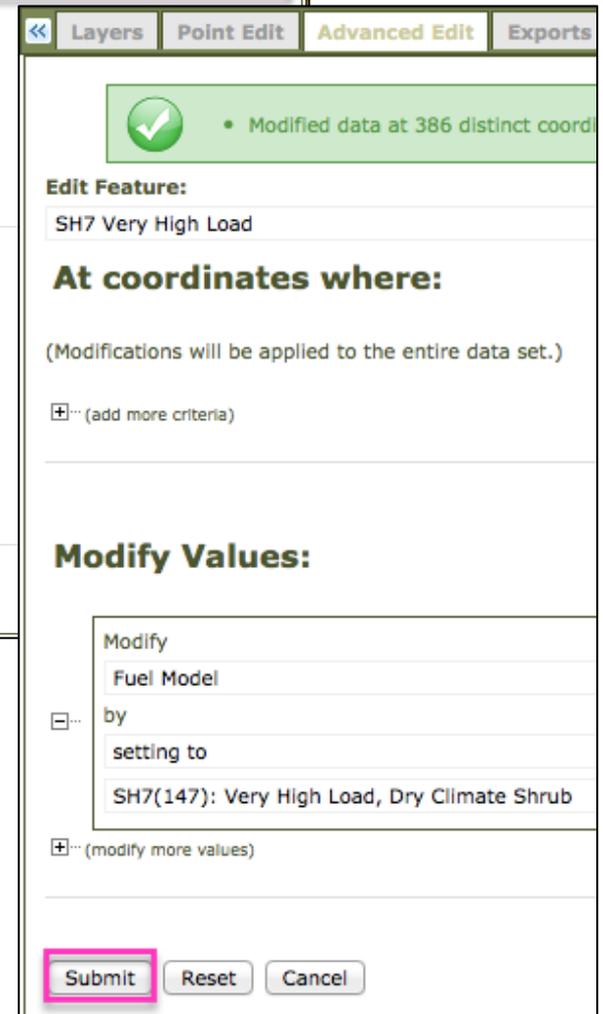
⊖ (add more criteria)

Modify Values:

Modify
Slope
by
setting to
percent

⊖ (modify more values)

Submit | Reset | Cancel



Layers | Point Edit | **Advanced Edit** | Exports

Modified data at 386 distinct coordinates.

Edit Feature:
SH7 Very High Load

At coordinates where:
(Modifications will be applied to the entire data set.)

⊕ (add more criteria)

Modify Values:

Modify
Fuel Model
by
setting to
SH7(147): Very High Load, Dry Climate Shrub

⊕ (modify more values)

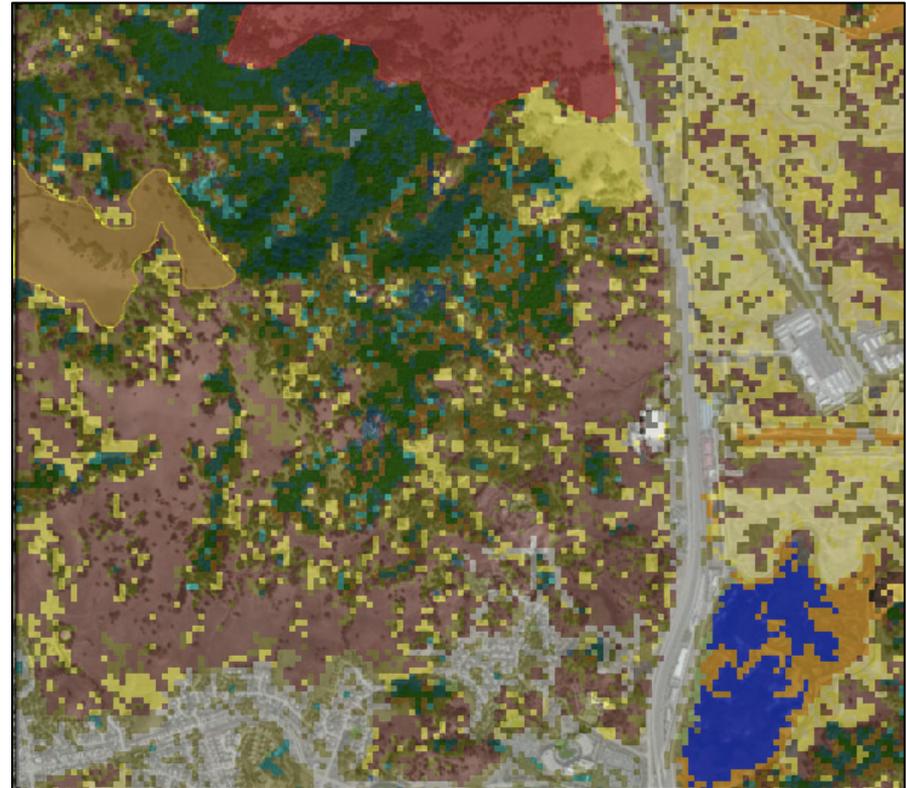
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Review

In this tutorial, we were able to

- Upload or acquire LANDFIRE data.
 - Upload a landscape (.lcp) file and corresponding projection (.prj) file from your local machine.
 - Acquire landscape data from LANDFIRE for a specified area of interest using map tools in IFTDSS.
- Edit LANDFIRE data in Data Studio.
 - Point edit – editing one pixel at a time.
 - Advanced edit – editing multiple pixels at once.
 - Polygon advanced edit – editing pixels within a user-drawn polygon.



Additional Help



To navigate to additional tutorials in the IFTDSS online help content,

- 1 Click the **Help** button.
- 2 Then select **Getting Started (Tutorials and Videos)** from the side menu.

On that page, you'll find links to tutorials and videos on such topics as hazard analysis, prescribed burn planning, fuels treatment, spatial analysis across a landscape, and many more.

