Getting Started

Welcome to IFTDSS
Version 0.4

Current Condition Hazard Analysis

IFTDSS currently supports

- Prescribed burn planning for a point location (fire behavior and effects)
- Current condition fire hazard analysis across a landscape (fire behavior)

Follow these steps to walk through an example current condition fire hazard analysis

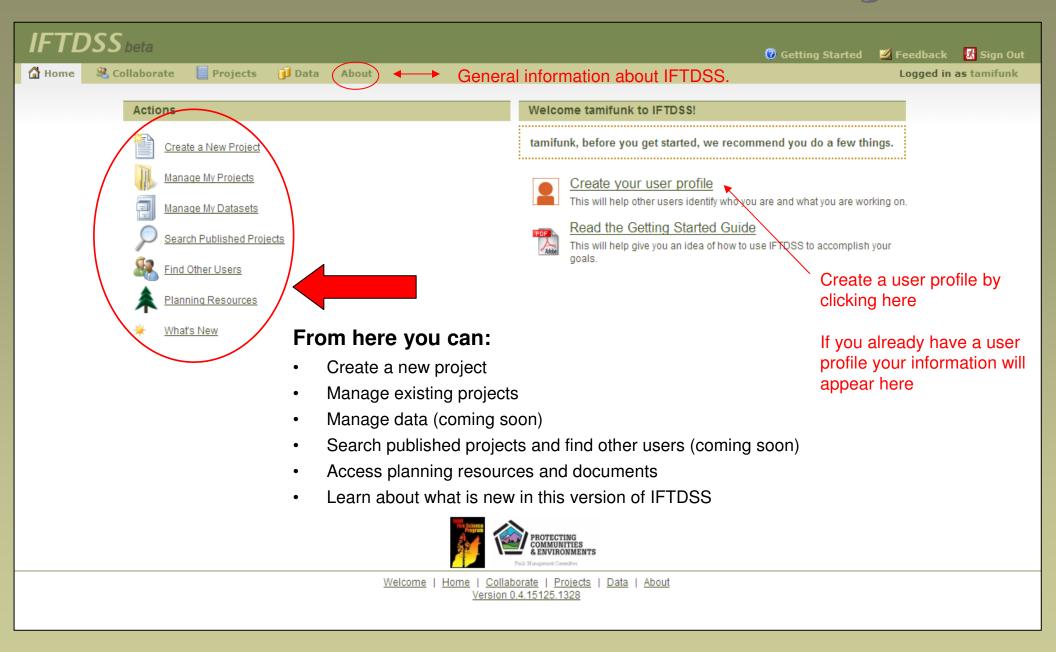


Fire Hazard Analysis

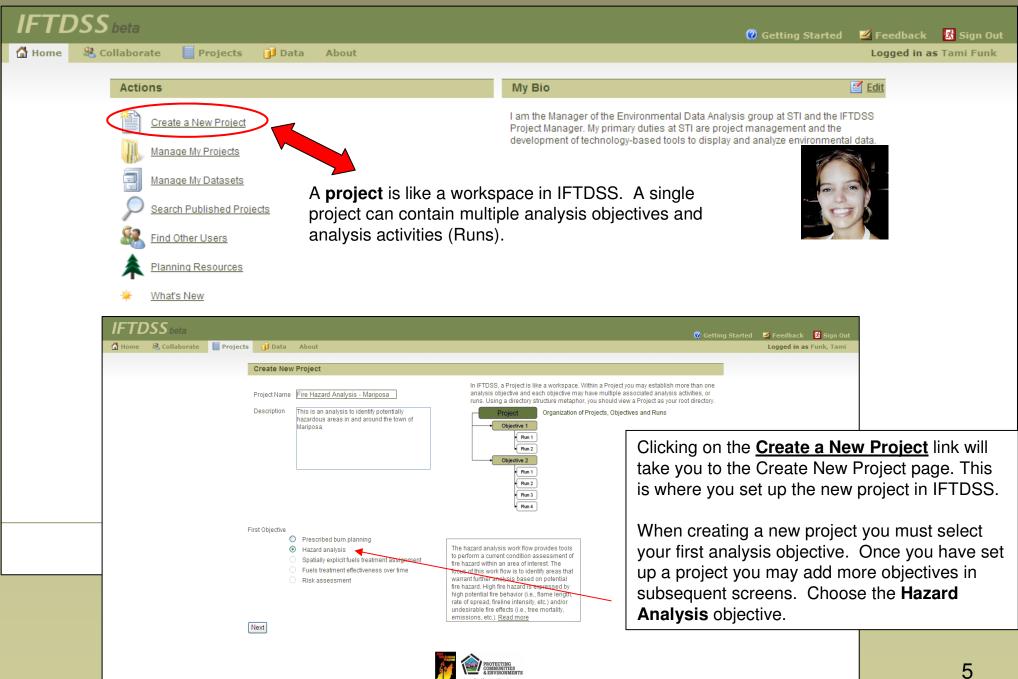
The hazard analysis tools in IFTDSS can help address the following types of questions:

- What is the potential fire behavior across the landscape under specific wind and moisture conditions?
- Are there areas within my landscape that may pose a potential hazard were a fire to occur?
- Are there areas within my landscape where I should focus attention and perform further fire hazard or risk analyses?

Overview of IFTDSS Home Page

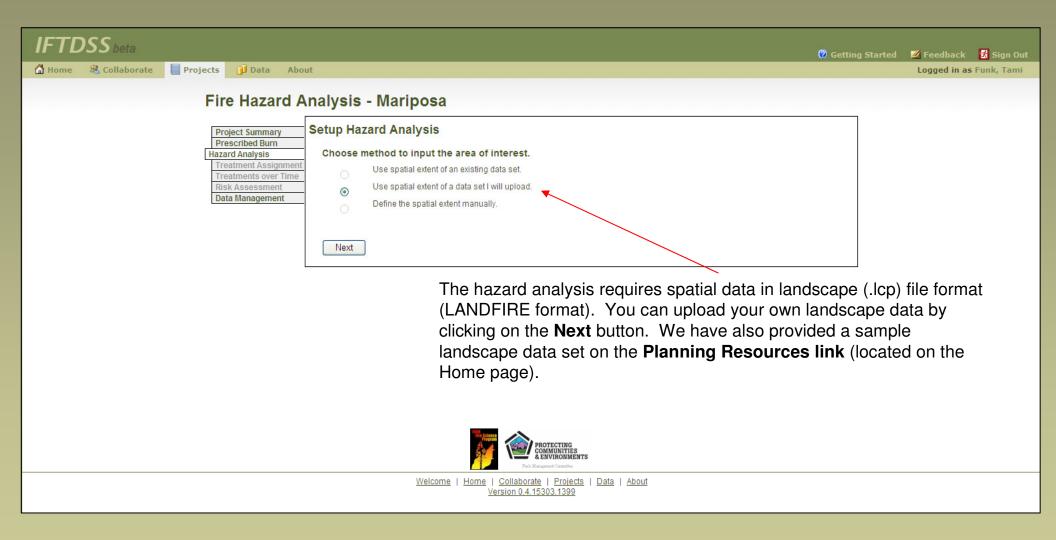


Creating a New Project

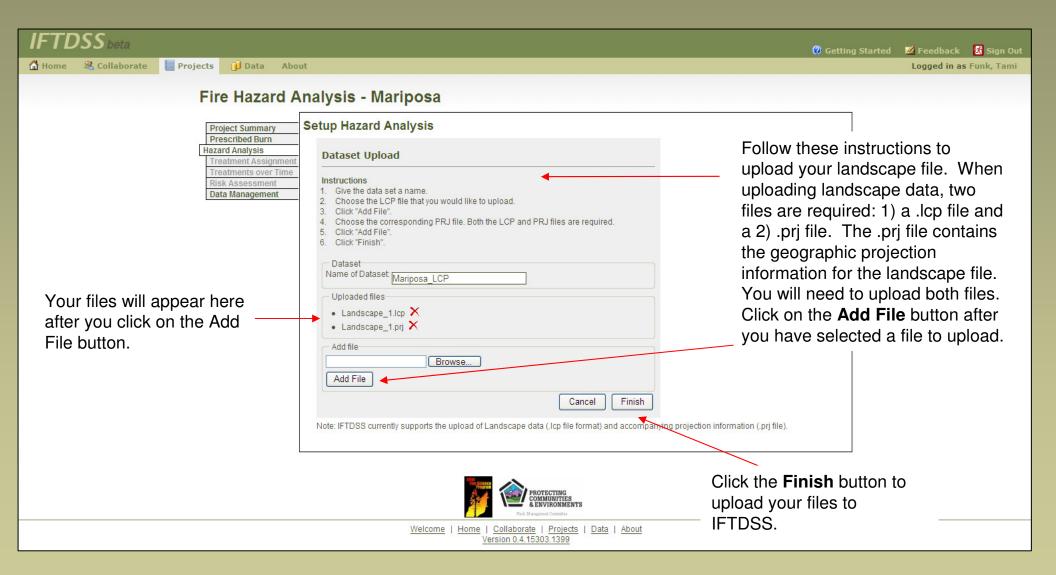


Welcome | Home | Collaborate | Projects | Data | About Version 0.4.15303.1399

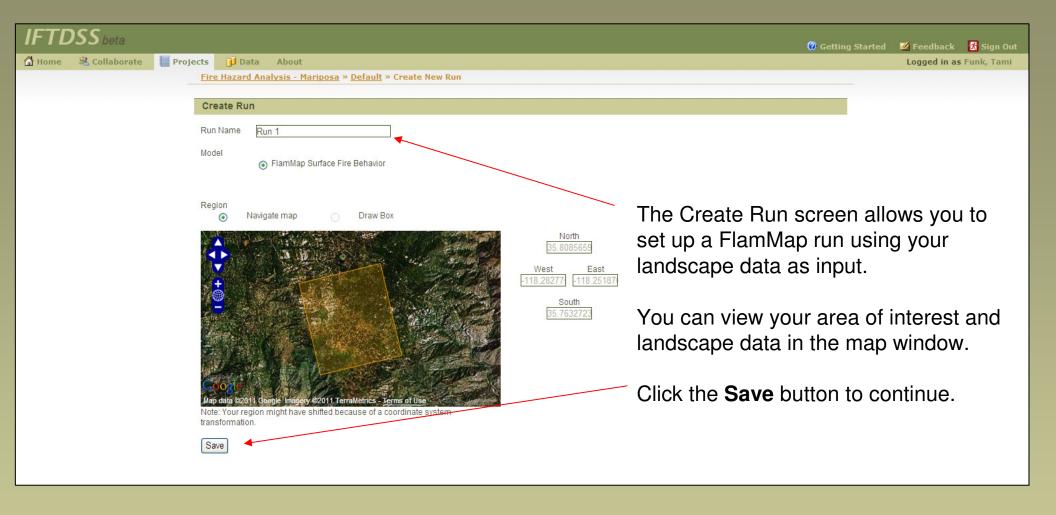
Defining an Area of Interest and Uploading Landscape Data



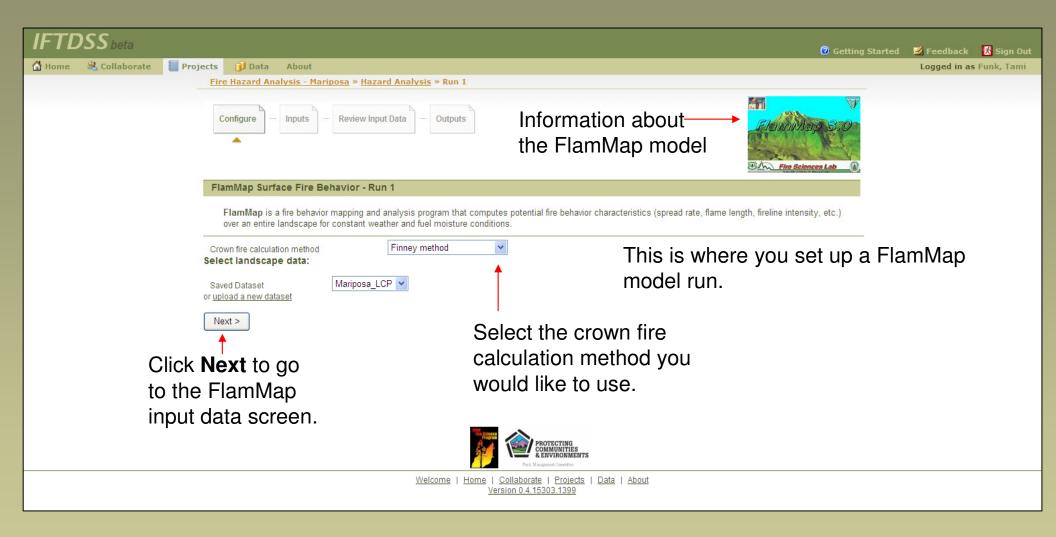
Defining an Area of Interest and Uploading Landscape Data



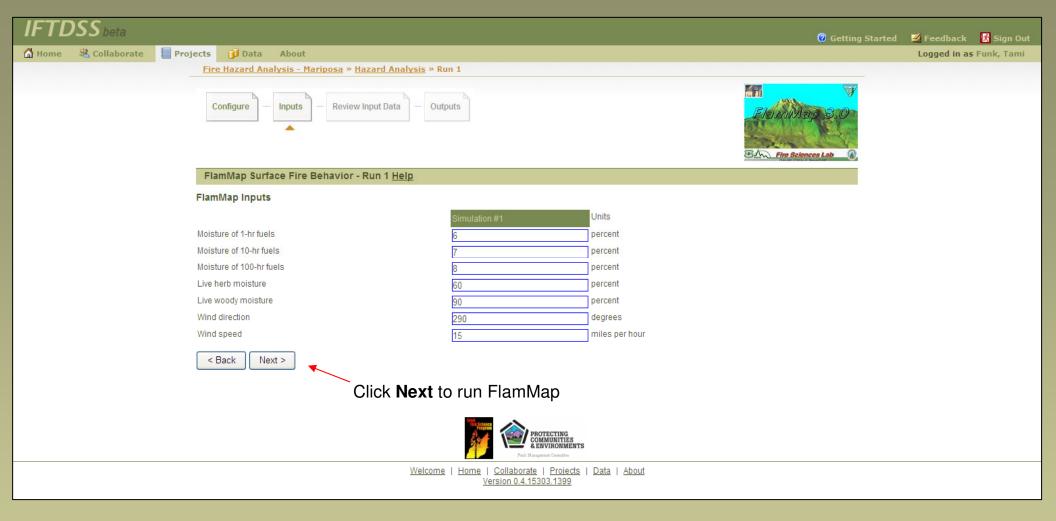
Setting Up a Project Run



Setting Up a FlamMap Model Run

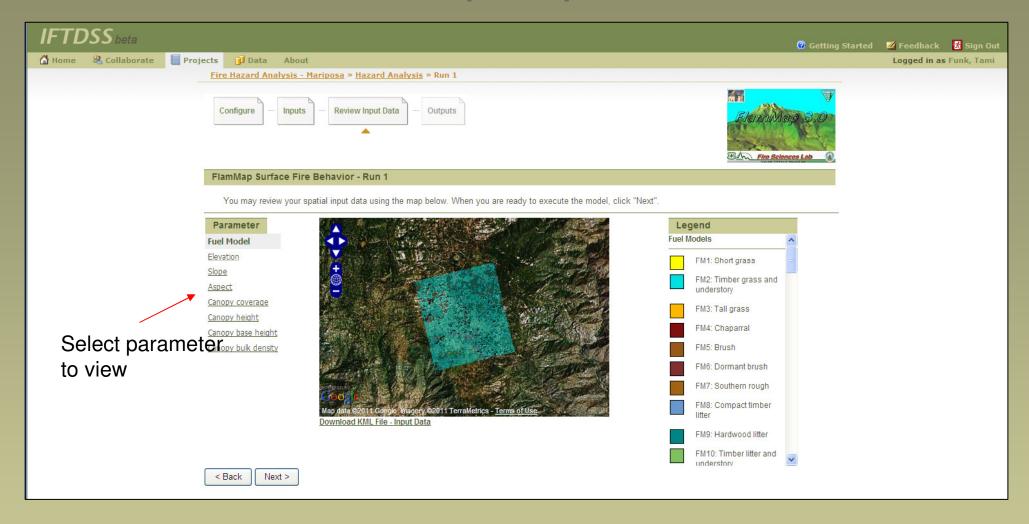


FlamMap Input Data



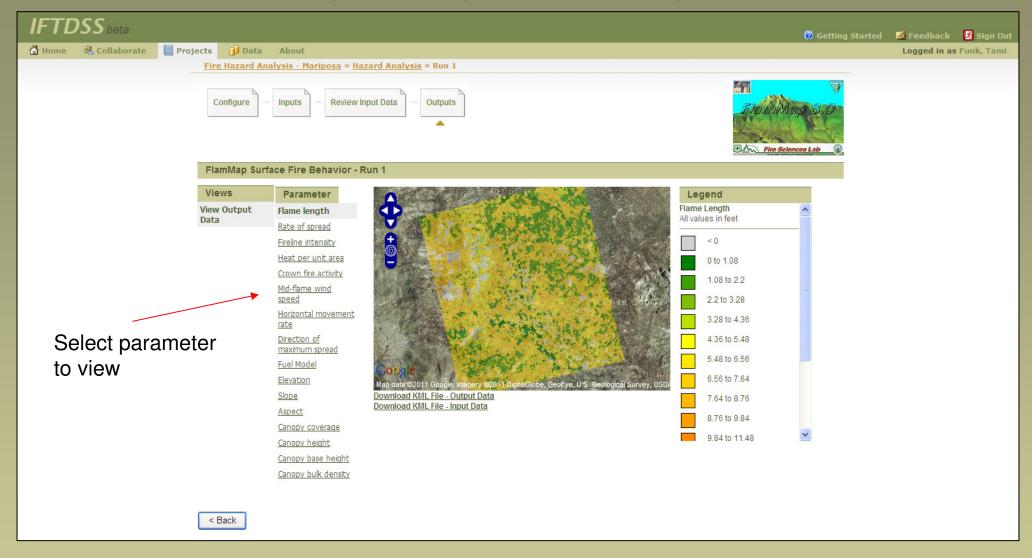
This is the FlamMap input screen. Enter the moisture and wind settings for your FlamMap run. Click **Next** to view your landscape input data.

FlamMap Input Data



Here you can view your landscape spatial data. You can view different map layers by selecting the layer you would like to view on the left. Click on the **Next** button to run the FlamMap model.

FlamMap Output - Map Format

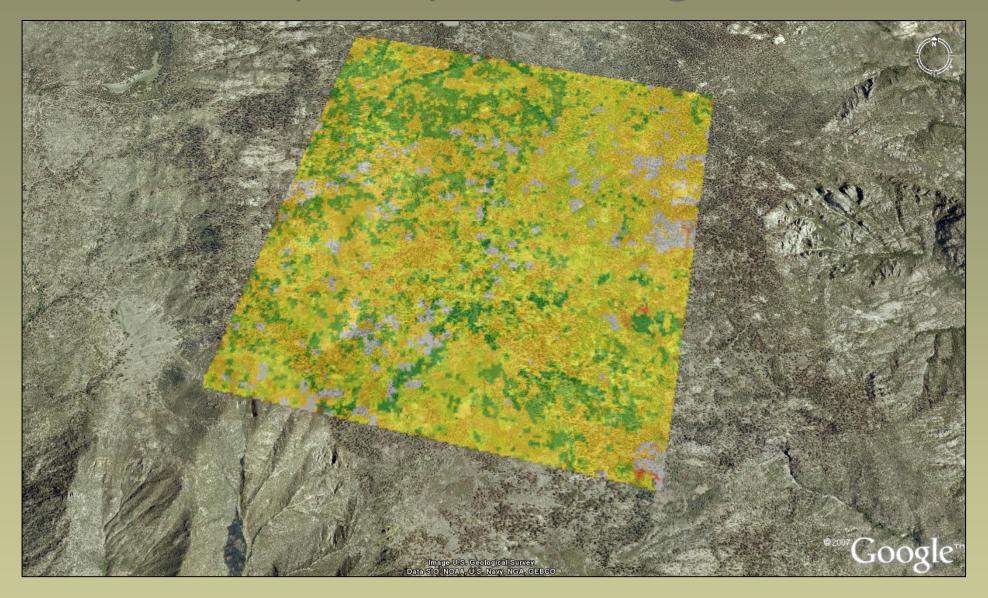


This is the FlamMap output screen. You can view the FlamMap output layers by selecting the layer you would like to view on the left. You can also zoom in and out in the map window.

You can export the input and output from FlamMap to Google Earth by clicking on the **Download KML file** links below the map window.

12

FlamMap Output – Google Earth



By clicking on the **Download KML** file, the input and output map layers from FlamMap are exported to Google Earth.

Next Steps...

- If you have non-spatial data you can perform a <u>Prescribed Burn Planning</u> analysis
- For general information about logging in and navigating IFTDSS, please refer to the <u>Getting Started: System Overview</u>