FlamMap

Intent and Objectives

- Increase familiarity with FlamMap

- Increase familiarity with WFDSS related to creating analses, editing landscapes, and downloading shapes and landscapes.

Outline

- Review FlamMap Basic & Major Flow paths of existing conditions

- WFDSS - Creating an incident & analysis, Uploading shapes, Editing a landscape, and Downloading landscapes and shapefiles

- FlamMap Basic & Major Flow paths of post-treatment conditions

Current Conditions in FlamMap

1. Open FlamMap & start new project

2. Select NC_EC_WFDSS.LCP

3. Add NC_WUI and PIPO TRT in vectors

4. Create ignition file SW of WUI

5. Set outputs: Crown Fire activity, Flame Length, Rate of Spread & MTT

To create and ignition double double clicks, control and double click to save as a shape, or clear.

WFDSS Landscape Edits

1. Find North Creek (using filters)

2. Upload PJ shape file as landscape mask

3. Copy & create a new analysis

4. Edit the landscape

5. Download landcape

6. Download and re-project the PJ shape file

Current Conditions in FlamMap

1. Open FlamMap & start new project

2. Import vectors

3. Rerun basic FlamMap and MTT and compare to existing conditions run.

Exercise 1

1. Find North Creek and copy analysis down shrub 6-15 _{CC2 step}

2. Change FM in WUI to 101

3. Create LCP

4. Download LCP

5. Download PJ Treatment shapefile

6. Unzip shape file and LCP

7. Reproject shape file

Exercise 1

8. In FlamMap open new project

9. Import shape files

10. Recreate run from demo
    (20MPH 225 degrees, Very Dry FMS)

Exercise 2

1. Find North Creek and upload MC treatment as landscape

2. Change FM in MCtrt to FM183

3. Create LCP

4. Download LCP

5. Download MC Treatment shapefile

6. Unzip shape file and LCP

7. Reproject shape file, in Arc Catalog

8. Set outputs: Crown Fire activity, Flame Length, Rate of Spread & MTT

Exercise 2

8. In FlamMap open new project

9. Import shape files

10. Recreate run from demo
    (20MPH 225 degrees, Very Dry FMS)

Wrapping it up

- Outputs for FlamMap can be exported as ASCII grids or images

- If you wish to share a project you have to archive. Be sure you do not delete your project because archiving is not always dependable

QUESTIONS?