Data for CDP fuels demo

## Pairwise comparisons

### Comparisons for primary criteria (full pairwise)

|  |  |  |
| --- | --- | --- |
| **Criterion** | **Criterion** | **Weight** |
| Consequences | Wildfire  | 2 |
| Wildfire | Performance  | 6 |
| Wildfire  | Opportunities  | 5 |
| Consequences | Performance  | 6 |
| Consequences | Opportunities  | 4 |
| Opportunities | Performance  | 2 |

### Comparisons for secondary criteria under Consequences (abbreviated pairwise)

|  |  |  |
| --- | --- | --- |
| **Criterion** | **Criterion** | **Weight** |
| wuiDens | Ecosystem  | 3 |
| WuiDens | Smoke  | 9 |
| Timber | Smoke  | 2 |
| waterSupp  | Timber  | 3 |

### Comparisons for secondary criteria under Performance (abbreviated pairwise)

|  |  |  |
| --- | --- | --- |
| **Criterion** | **Criterion** | **Weight** |
| wuiProtect | maintenance  | 2 |
| wuiProtect | CWPP  | 4 |
| CWPP | targetAcres  | 3 |

### Comparisons for secondary criteria under opportunities (abbreviated pairwise)

|  |  |  |
| --- | --- | --- |
| **Criterion** | **Criterion** | **Weight** |
| restoration | biomass  | 9 |
| insectDis | biomass  | 6 |

## Parameters for attributes

### Parameters for utility function under wildfire

|  |  |  |
| --- | --- | --- |
| **Attribute** | **Worst value** | **Best value** |
| Ecosystem | 0.55 | -0.40 |

### Parameters for utility functions under Consequences

|  |  |  |
| --- | --- | --- |
| **Attribute** | **Worst value** | **Best value** |
| Ecosystem | 0.64 | -0.25 |
| WuiDens | 19301 | 235876 |
| Smoke | 0 | 46398 |
| Timber | 5243 | 17572 |
| WaterSupp | 1617 | 30239 |

###  Parameters for utility functions under Performance

|  |  |  |
| --- | --- | --- |
| **Attribute** | **Worst value** | **Best value** |
| maintenance | 1670 | 11100 |
| wuiProtect | 34 | 70 |
| CWPP | 23200 | 154000 |
| targetAcres | 92 | 146 |

### Parameters for utility functions under Opportunities

|  |  |  |
| --- | --- | --- |
| **Attribute** | **Worst value** | **Best value** |
| restoration | 19000 | 53200 |
| biomass | 7291 | 72600 |
| insectDis | 5480 | 22900 |

# Data for Regions

The data for your model can be copied and pasted from the file, “regional fuels priority data.xlsx”

I will show how to do this in the tutorial.