Suitability Analysis of Potential Sites for a New Training Center in Athens-Clarke County, GA
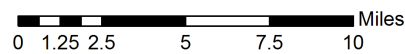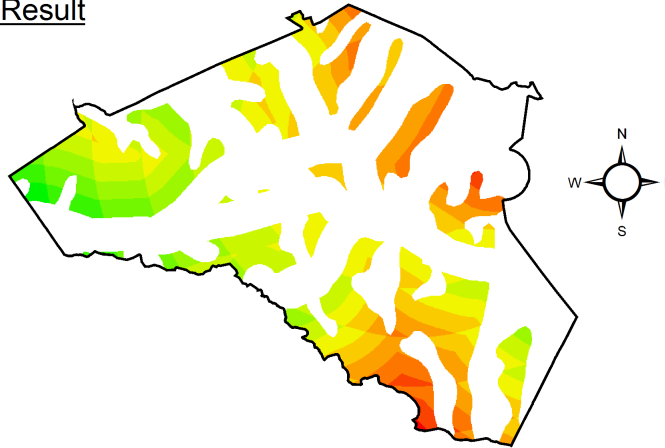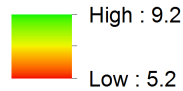
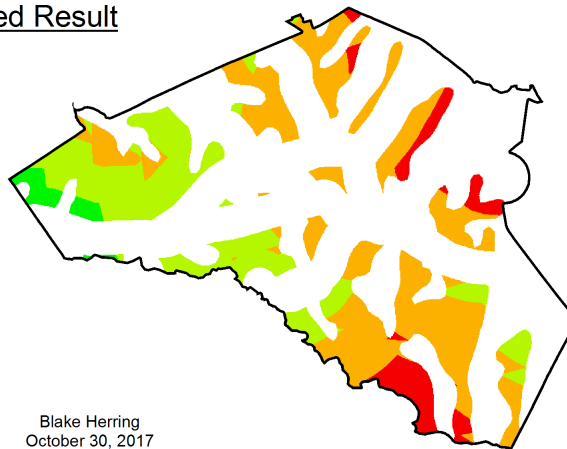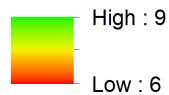### Weighted Result

Suitability

High : 9.2

Low : 5.2

N
W E
S

Miles
0 1.25 2.5   5   7.5   10

Unweighted Result

Suitability

High : 9

Low : 6

Blake Herring
October 30, 2017
Roads data from US Census Bureau
Soils data from USGS
Toxic release facilities data from EPA

Using raster data, this map shows suitable locations for a new training center as well as quantified suitability based on the distance from any major toxic release sites, distance from major roads, and soil erodibility. The white area inside the county did not satisfy the criteria for a site. The weighted result was created by assigning weights to the criteria deemed more important in determining placement. The unweighted result considers our three criteria to be equally important to one another.