

Habitat Use vs. Availability for a Population of Cougars in Eastern Washington

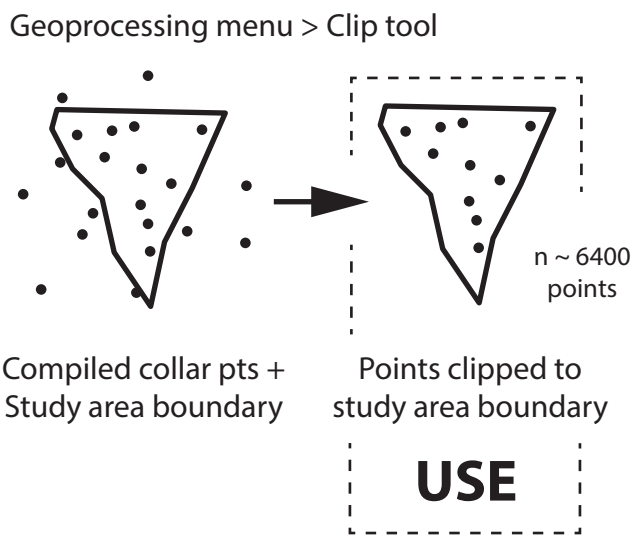
BIOL 597 Spr2014 Cooley

Data & Data Preparation

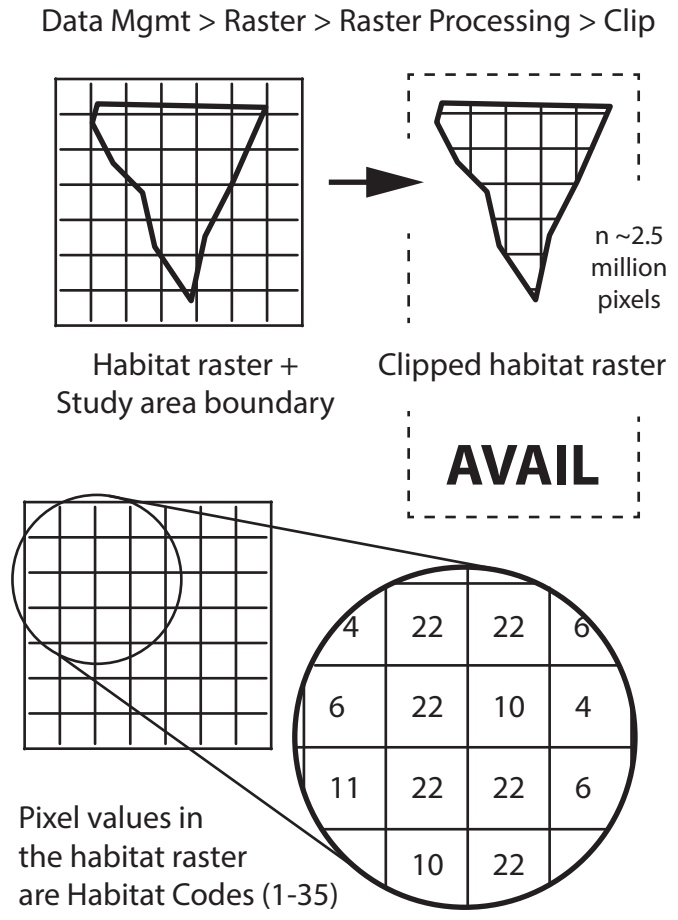
Dataset: **Utah State/BioWest Vegetation Cover Classification**
 - Raster data layer = "vegcover_usu.tif"
 - 35 Habitat Codes in "UTveg Key Plus.doc"

- 1.) Compile at least 6 shapefiles containing animal collar locations using the Append tool.
- 2.) Draw study area boundary using the polygon tool on the Draw Toolbar (create a graphic).
- 3.) Convert graphic to shapefile, Right-click on Data Frame title > Convert Graphics to Features.

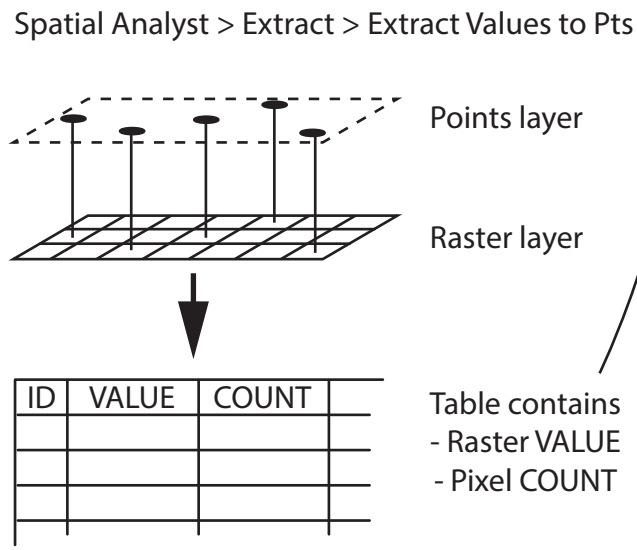
1.) Clip Points to Study Area Boundary



2.) Clip Raster to Study Area Boundary



3.) Extract Values to Points



4.) Chart

