Modeling Potential Gray Wolf Habitat in the Grand Canyon Ecoregion

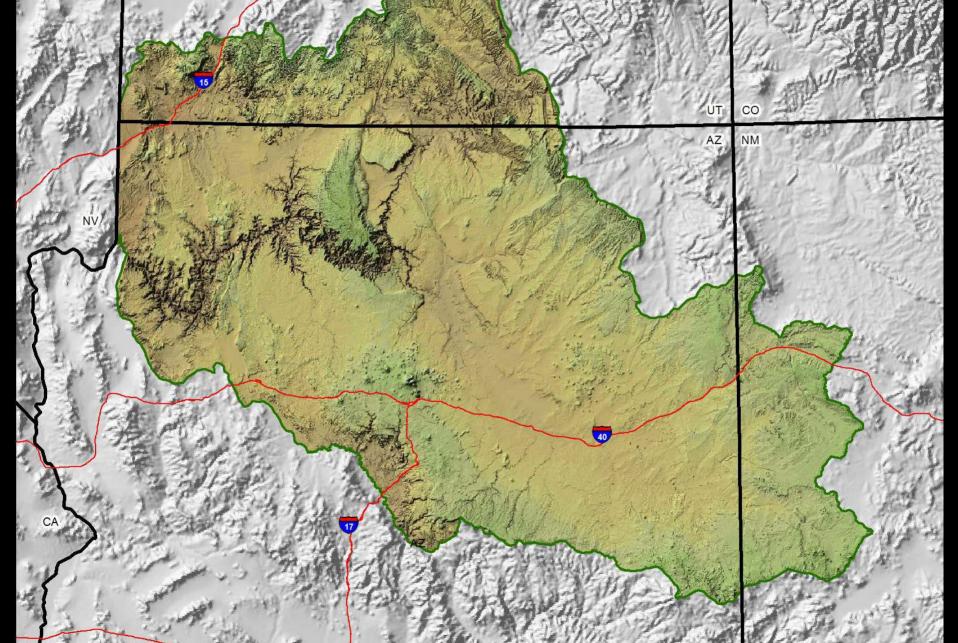
Kurt Menke, BEV GIS Paul Sneed, Prescott College Larry Stevens, GCWC Nicole Corbo, GC Wolf Recovery Project Kelly Burke, GCWC Kim Crumbo, GCWC





Bird's Eye View

Grand Canyon Ecoregion



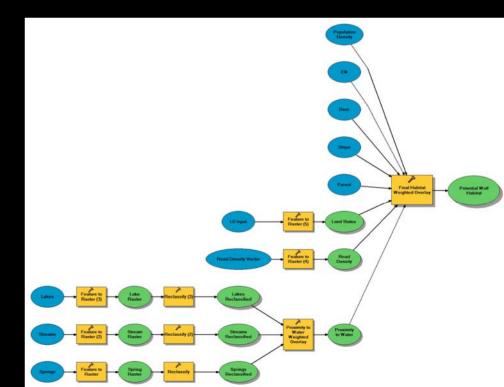
SW HISTORIC DISTRIBUTION

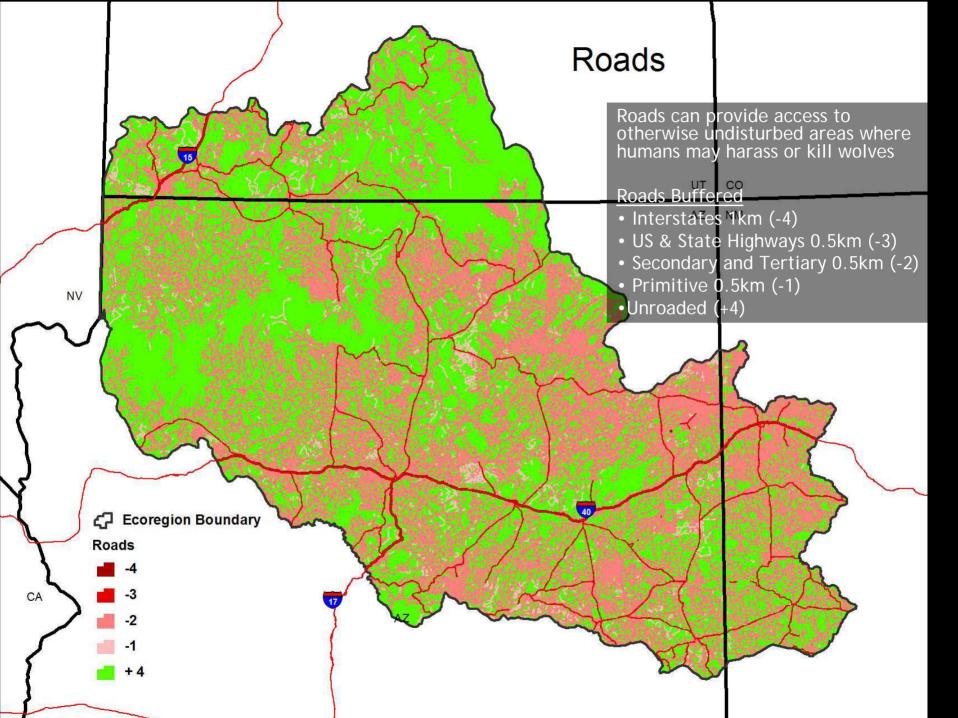


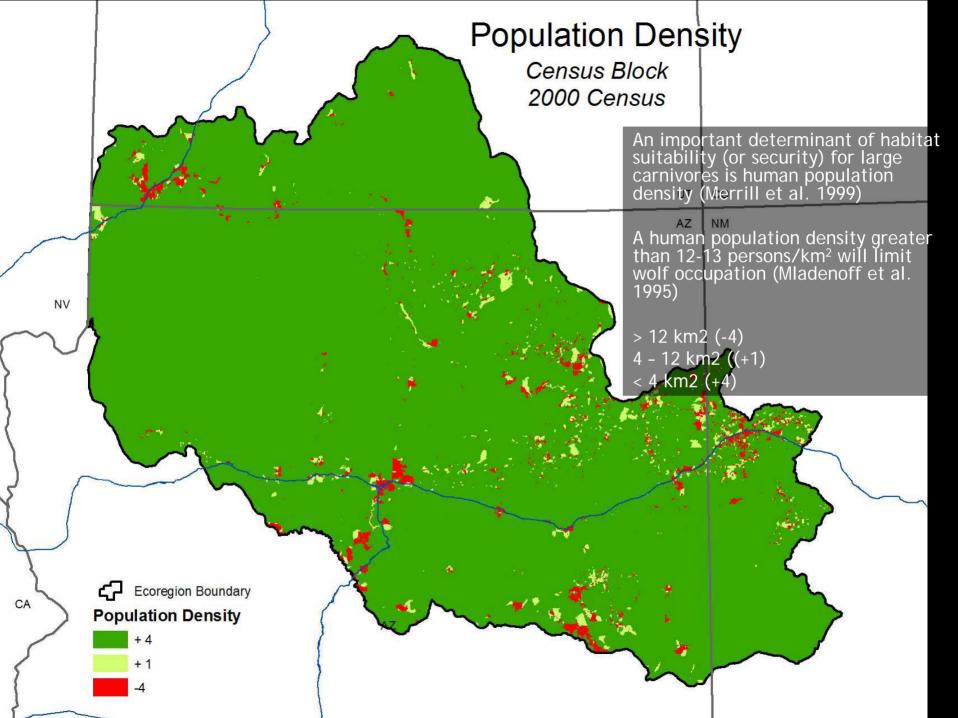
METHODOLOGY

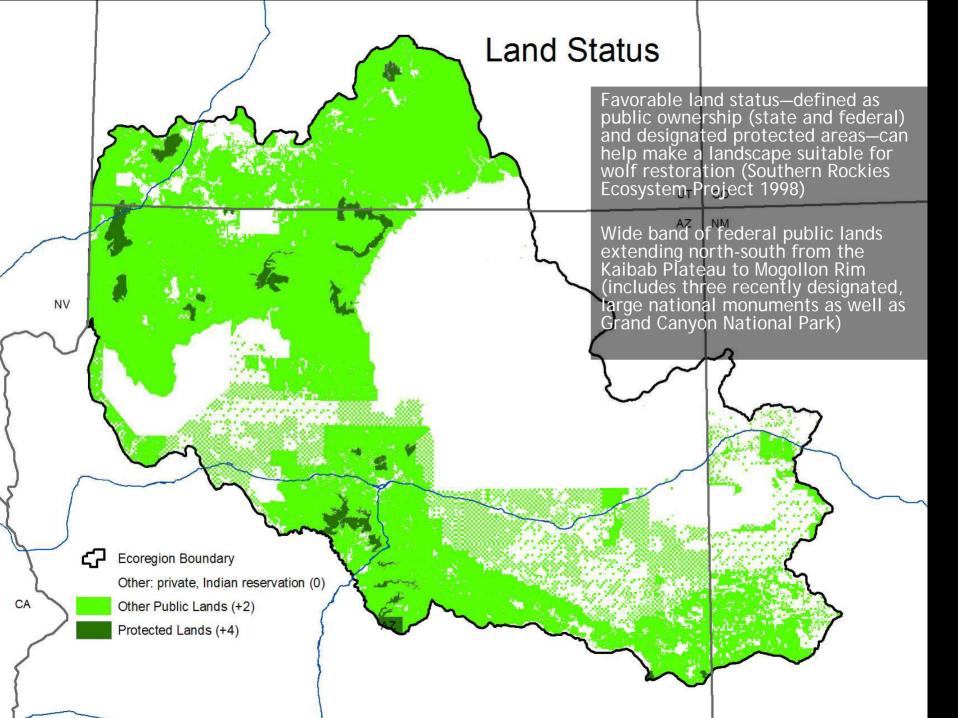
- Based on "course screen", landscape-scale, spatial modeling of wolf habitat (e.g., Ratti et al. 1999; Wydeven et al. 1998)
- Six biophysical and socioeconomic factors related to wolf sustenance (food) and security (safety) considered (cf. Fuller et al. 1992):
 - Biophysical Factors = Vegetation cover, water availability, prey densities
 - Socioeconomic factors = human population, road density, and land status

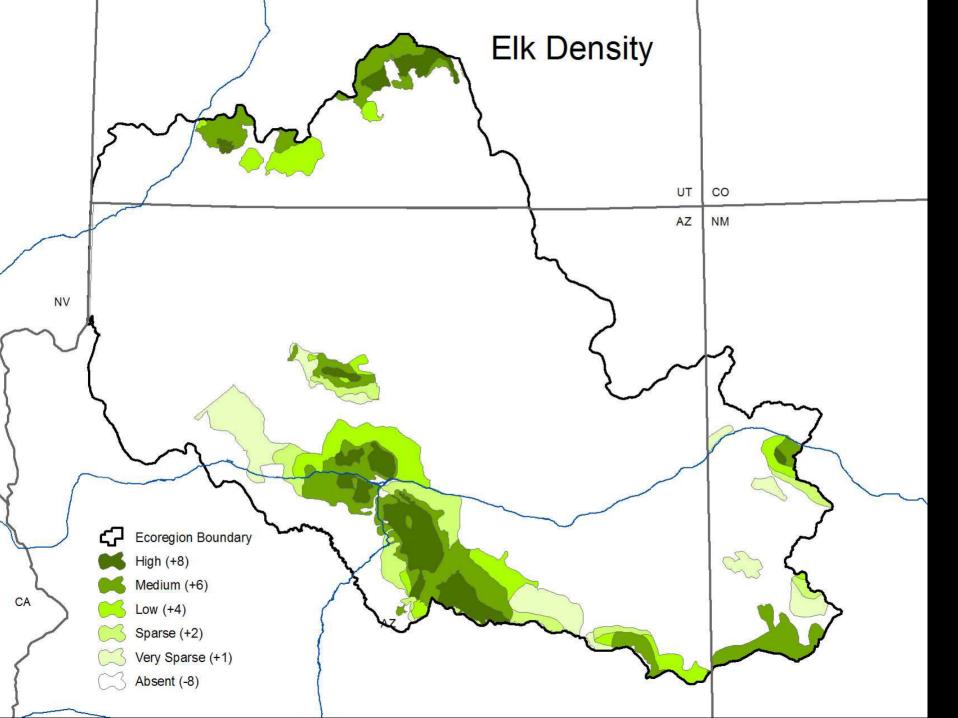


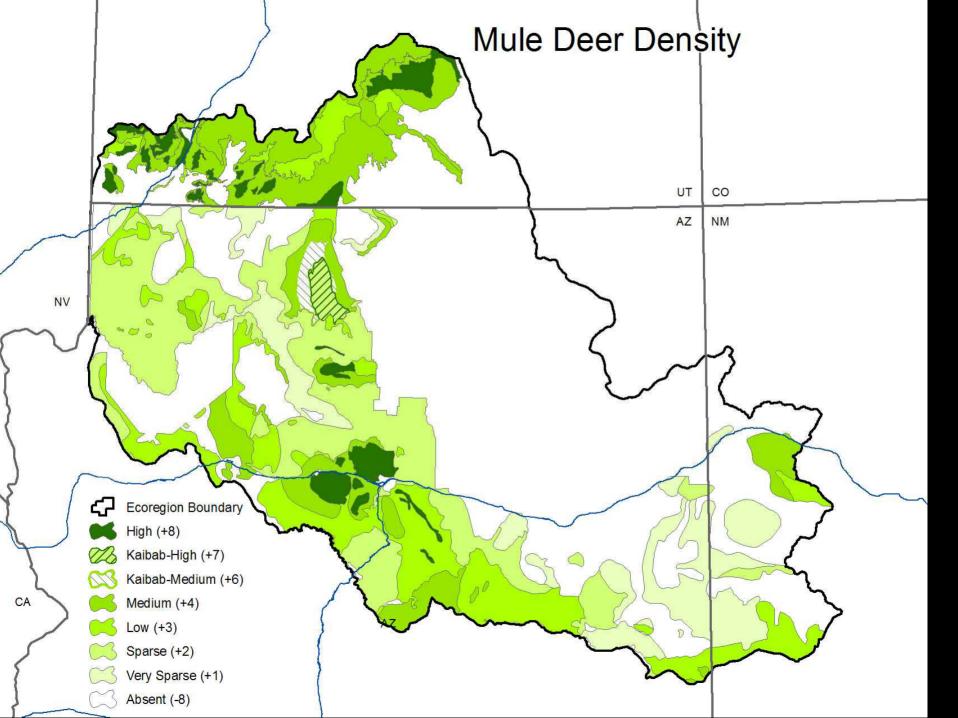


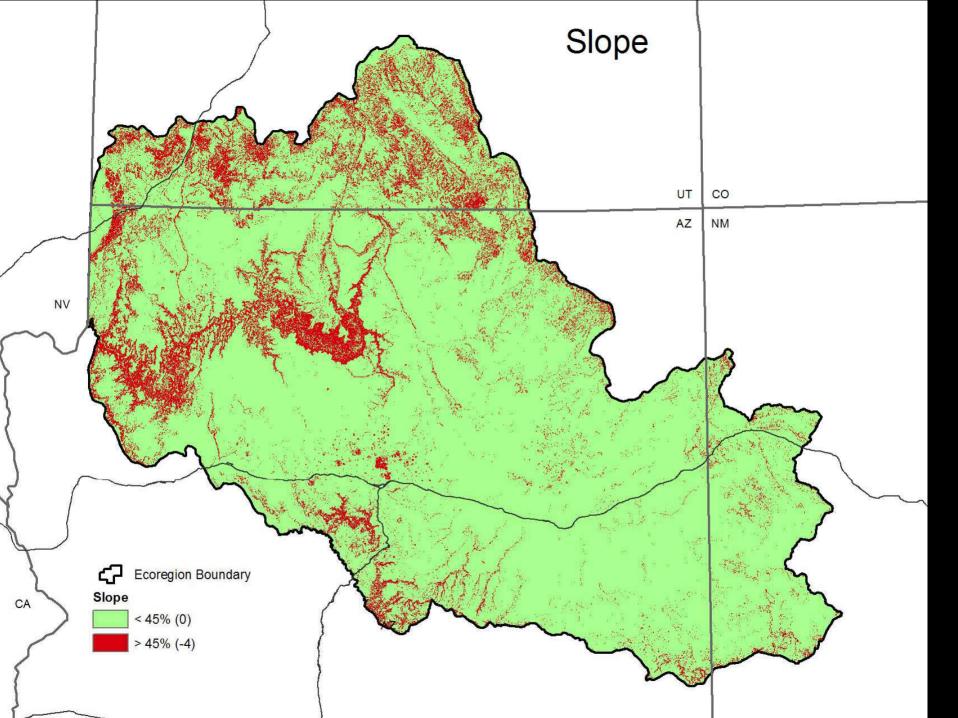


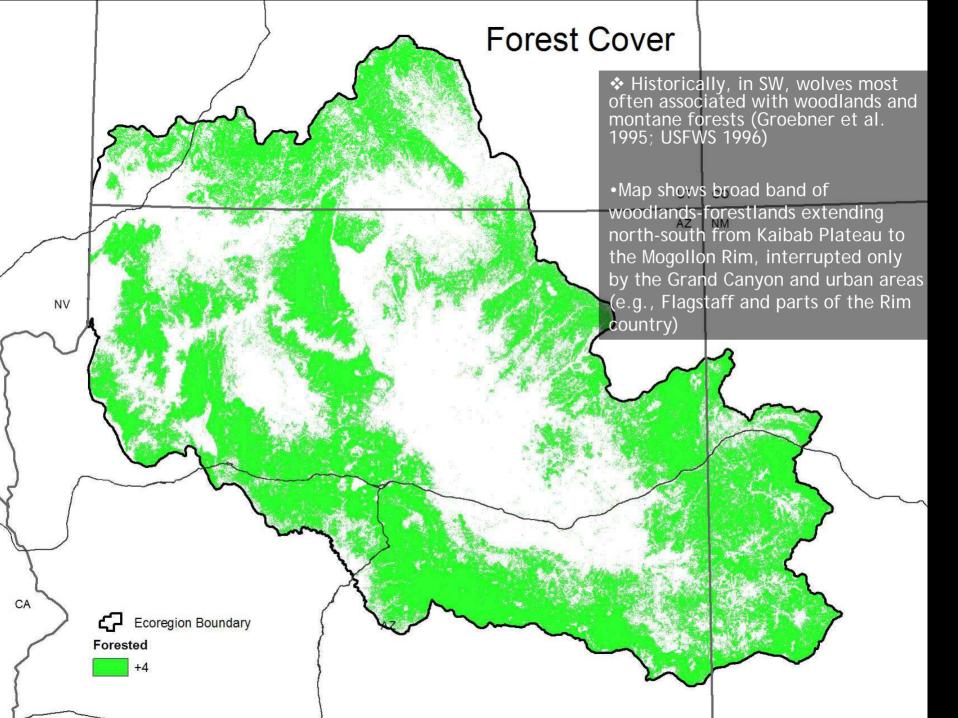


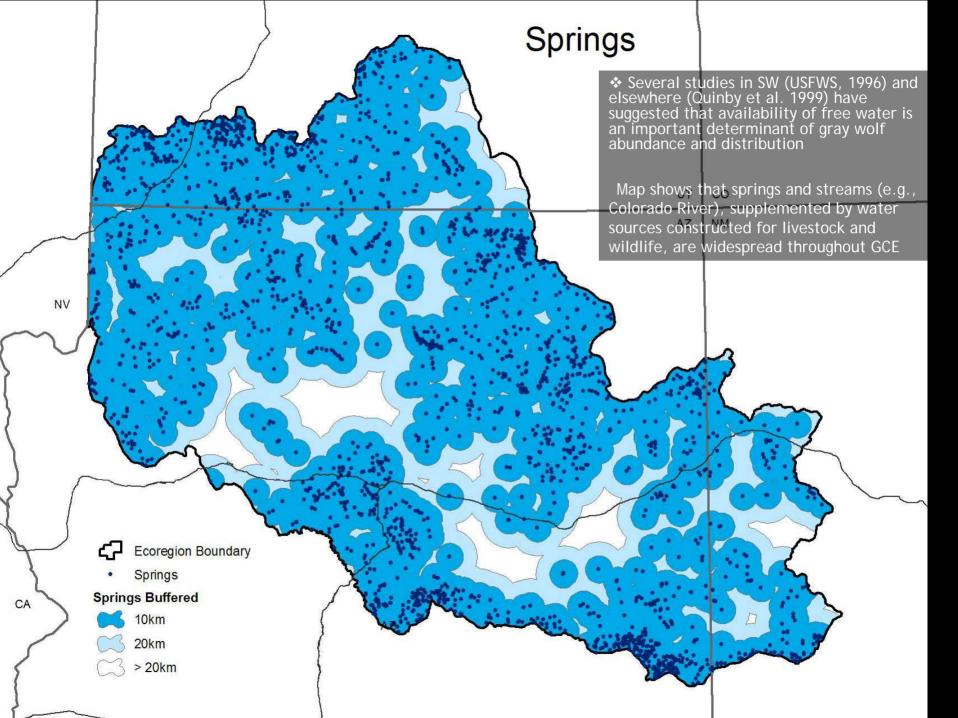


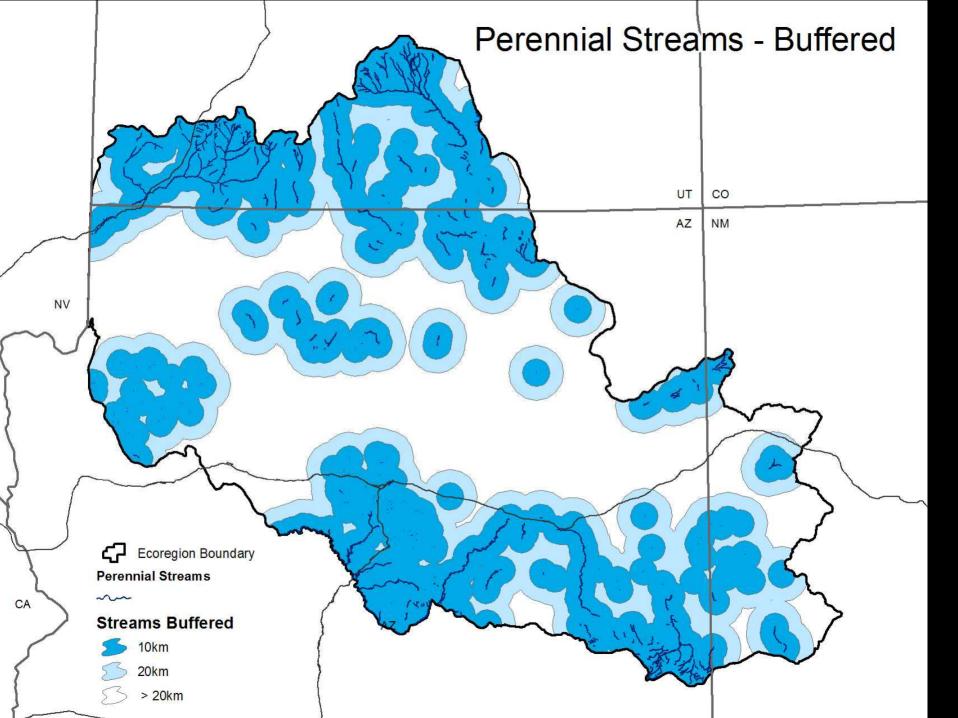


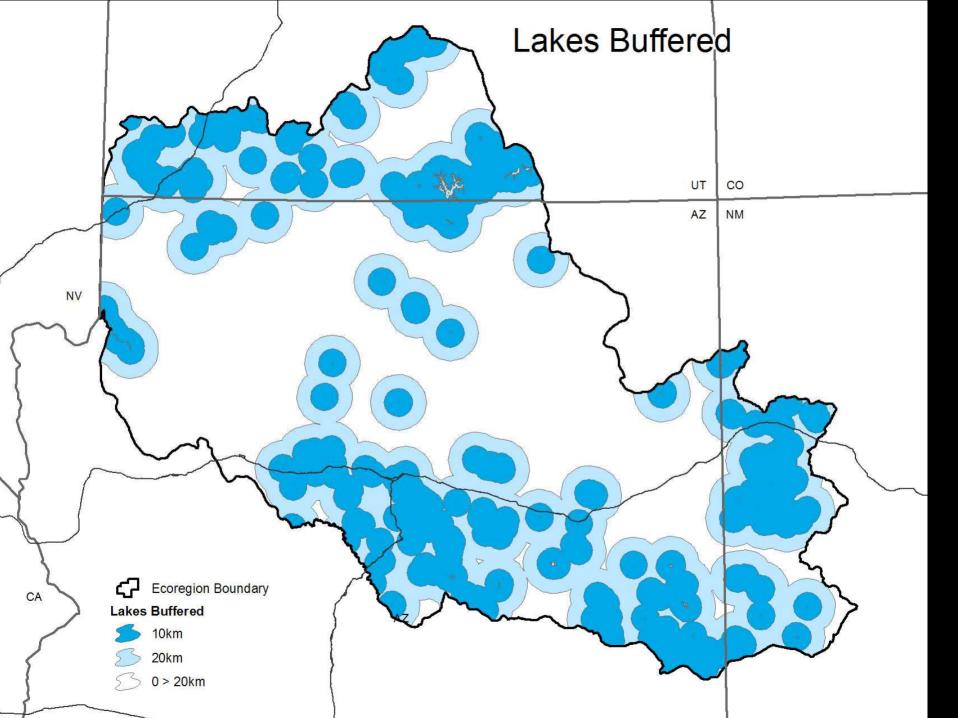


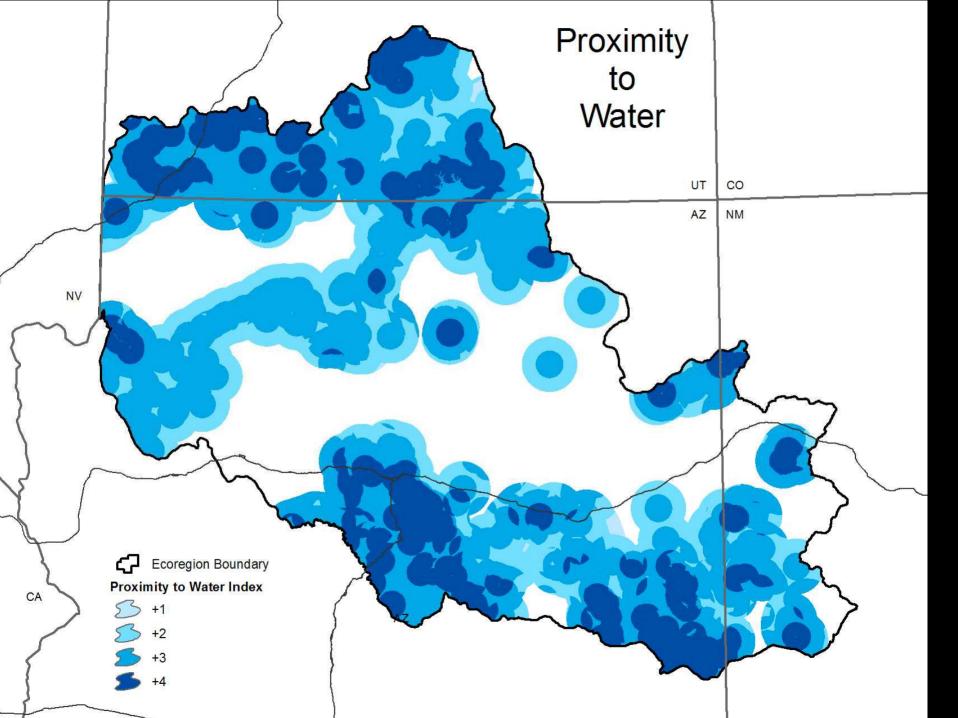


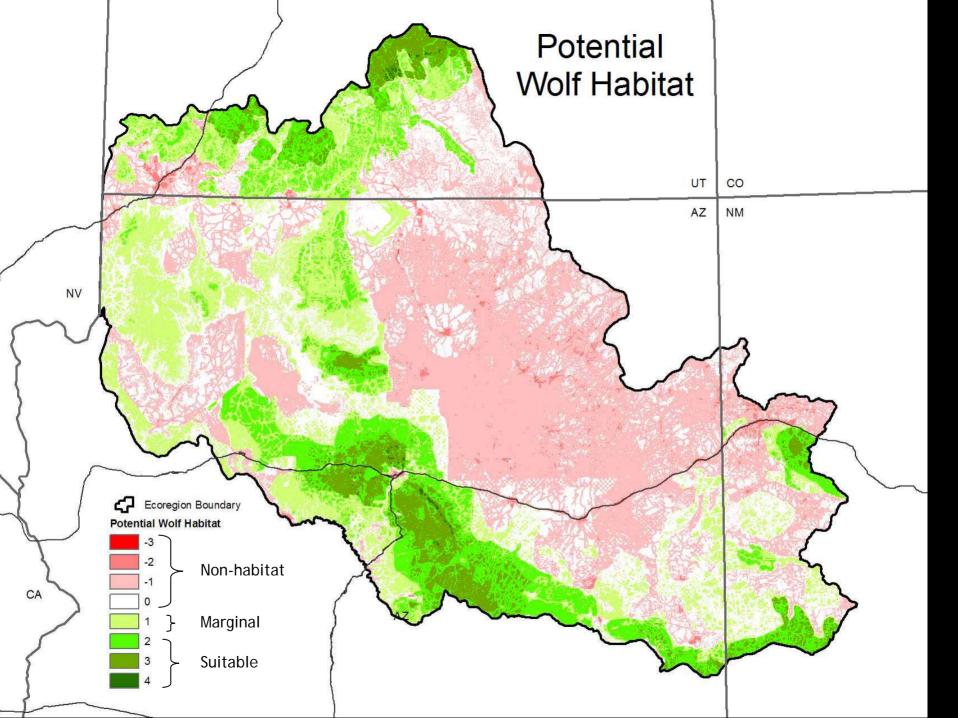


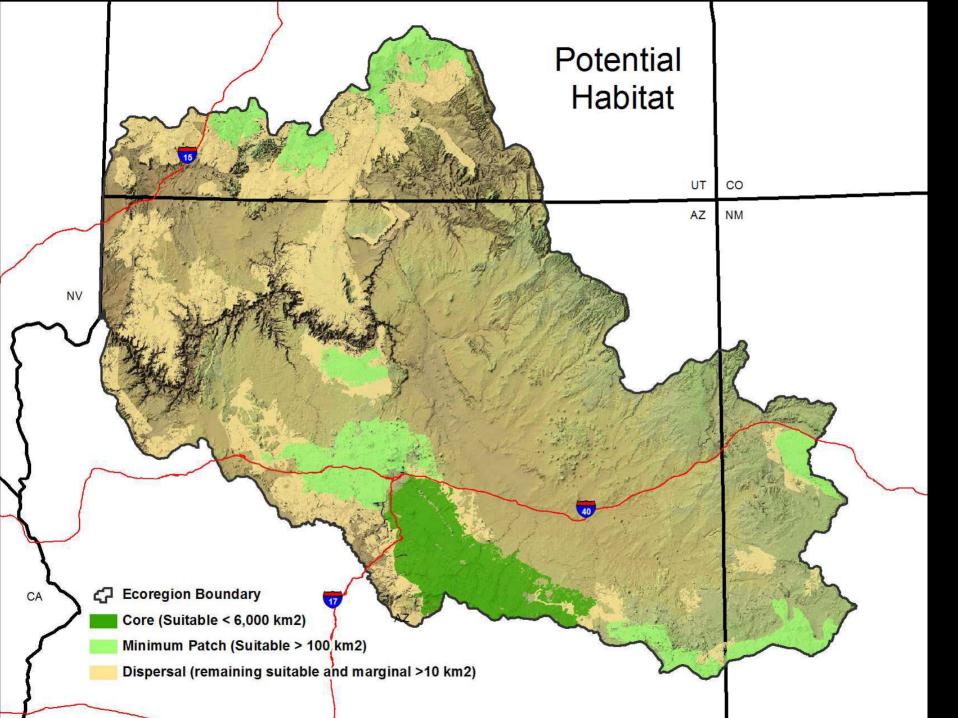


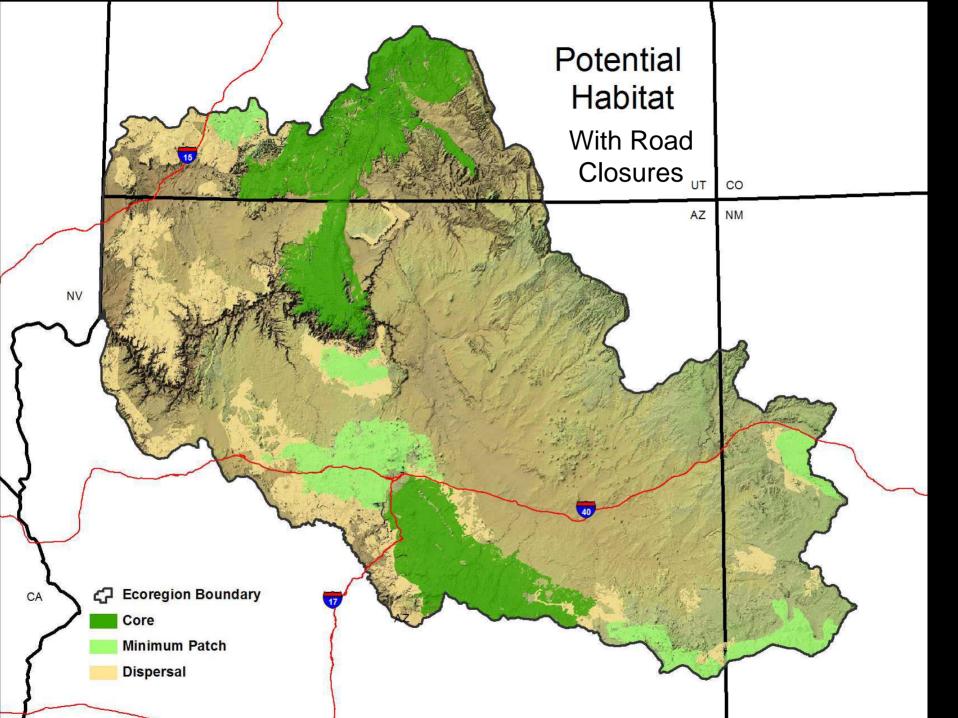












Thank You...Questions???



Kurt Menke Bird's Eye View - GIS Services www.BirdsEyeViewGIS.com