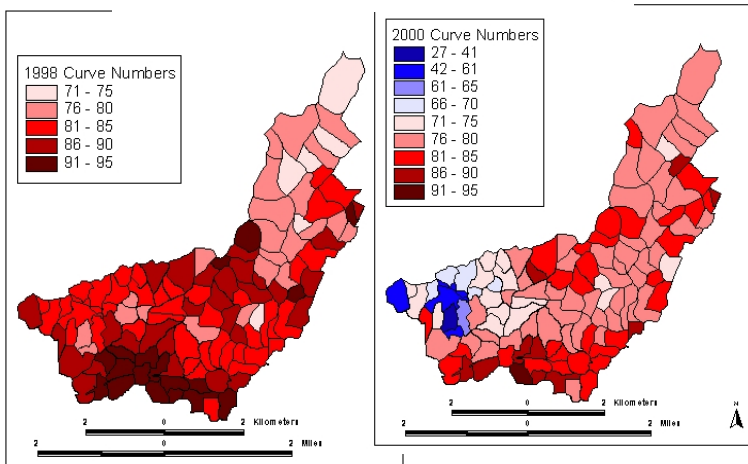
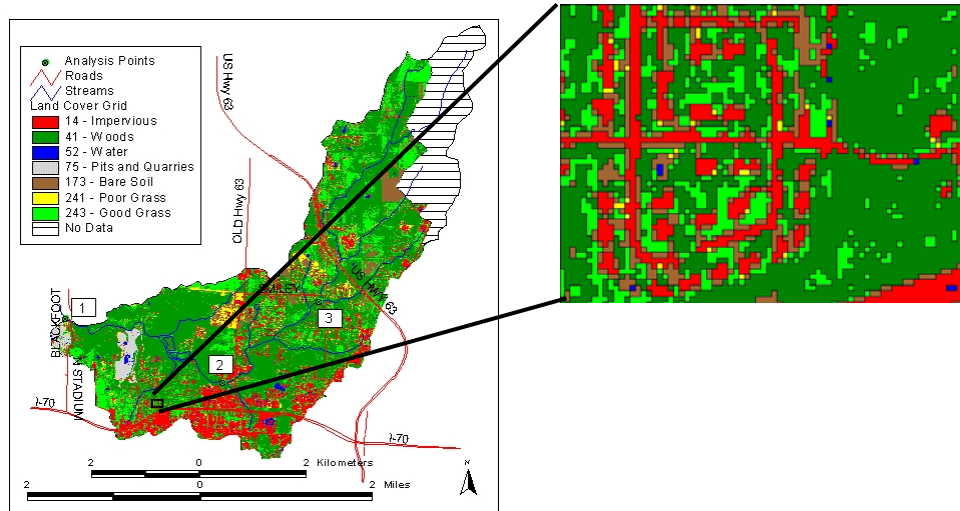
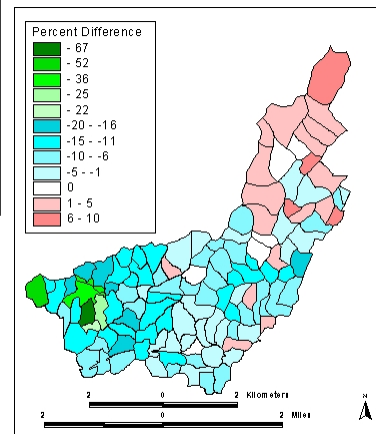


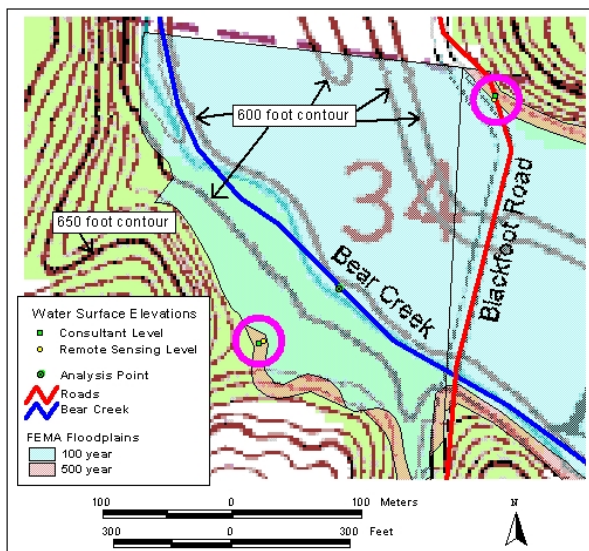
# Demonstration Of Flood Zone Determination For Bear Creek Watershed In Columbia, Missouri: Comparison Of Remote Sensing Results (Based On Land Cover) From Current Practice (Based On Land Use)



Curve Numbers per Subbasin for Years 1998 (from consultant; based on land use) and 2000 (from Remote Sensing imagery; based on land cover)



Percent Change Between 1998 (land use) and 2000 (land cover) Curve Numbers



100-year Flood Zone Boundary at Blackfoot Road from consultant report (1998) and from remote sensing imagery (2000). Graphic shows that current estimates of 100-yr flood zone exceed those established by the FEMA analysis (red circles).