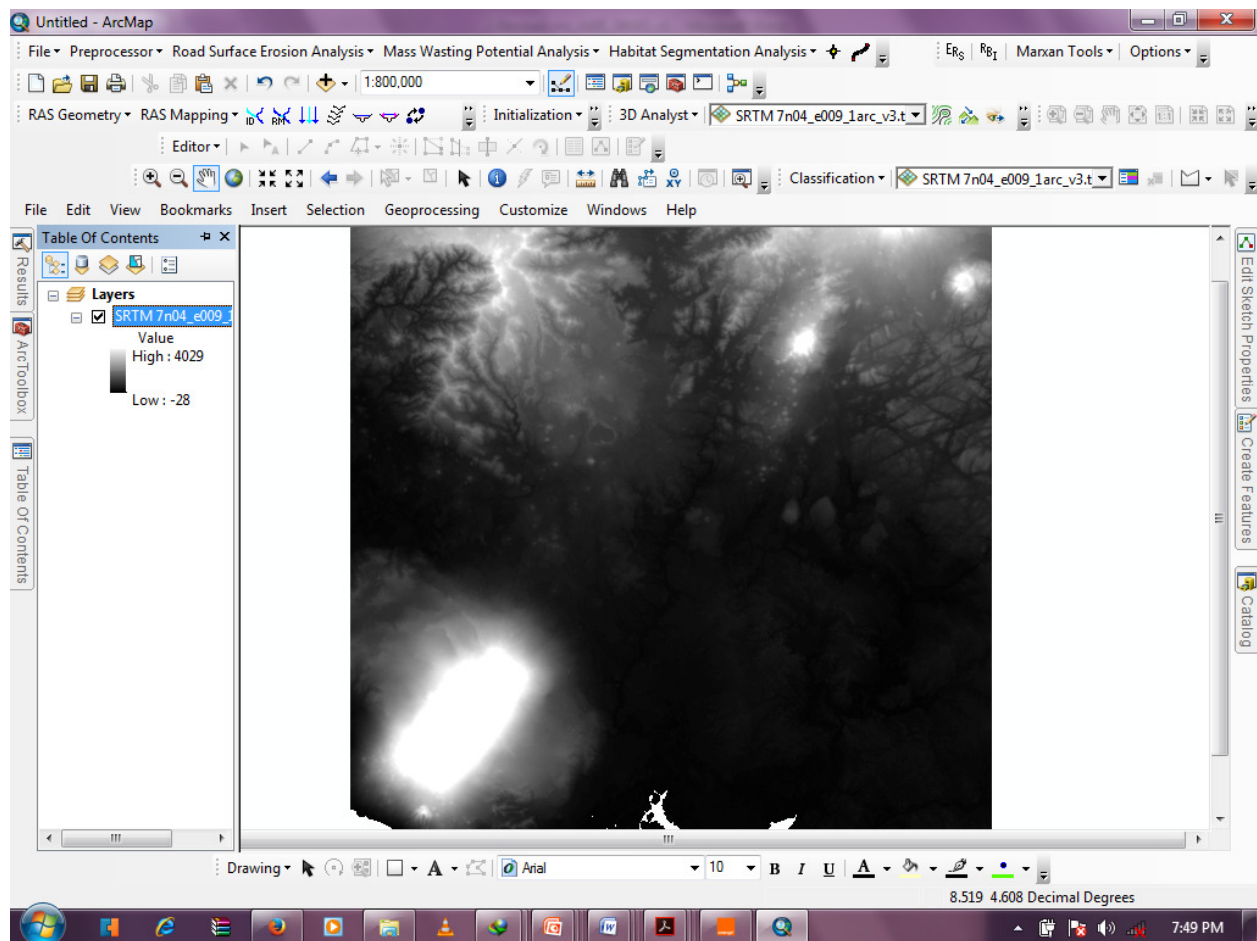
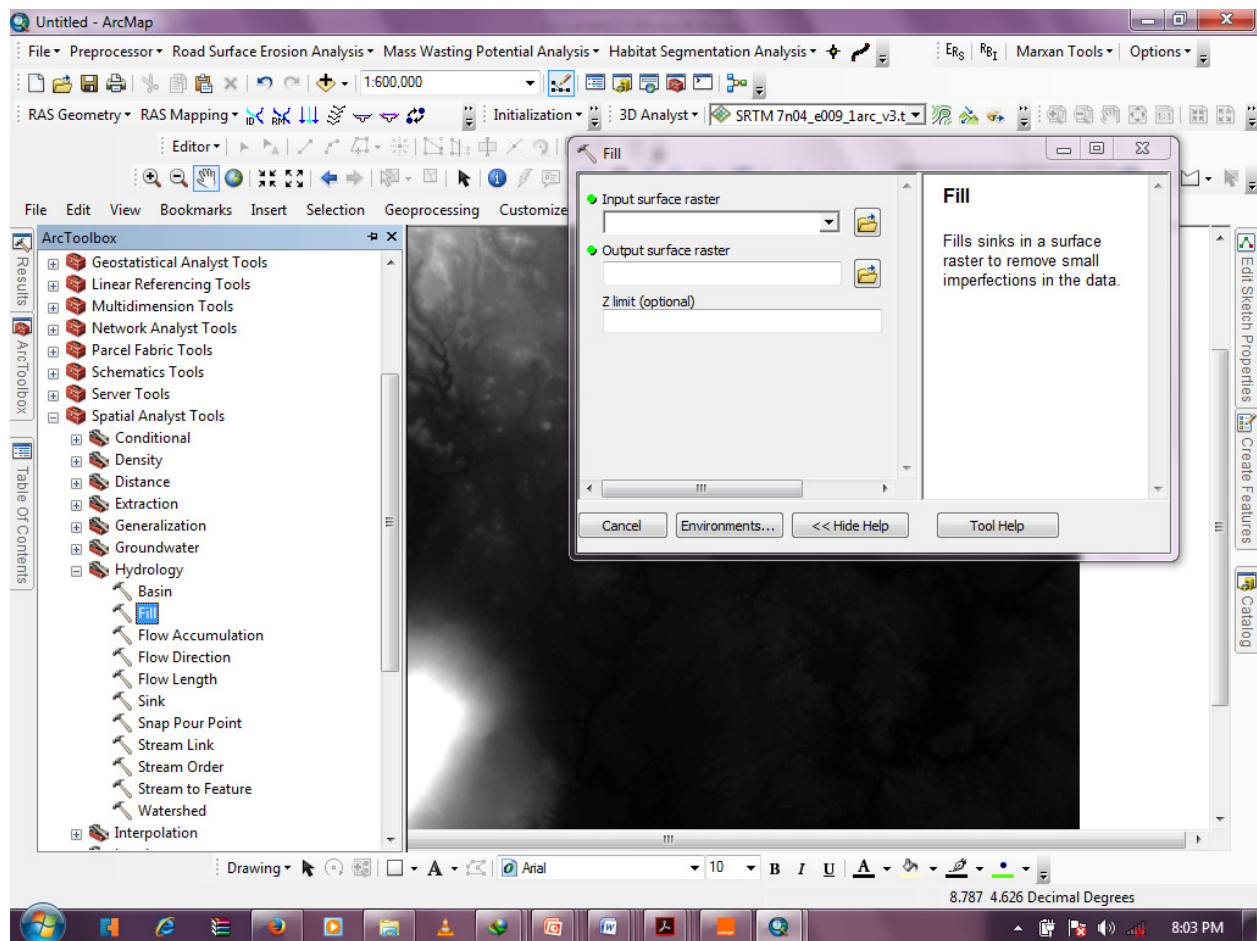
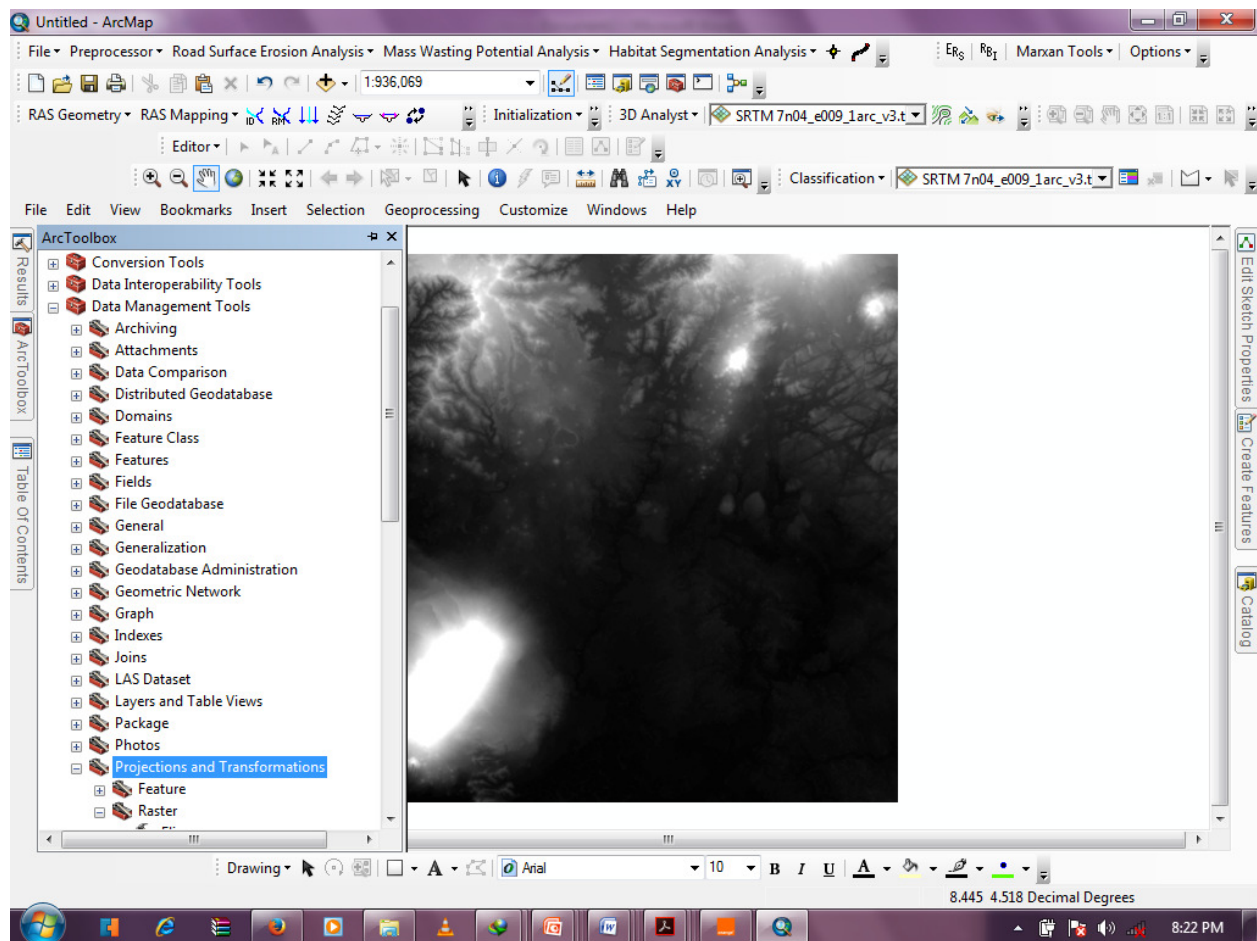


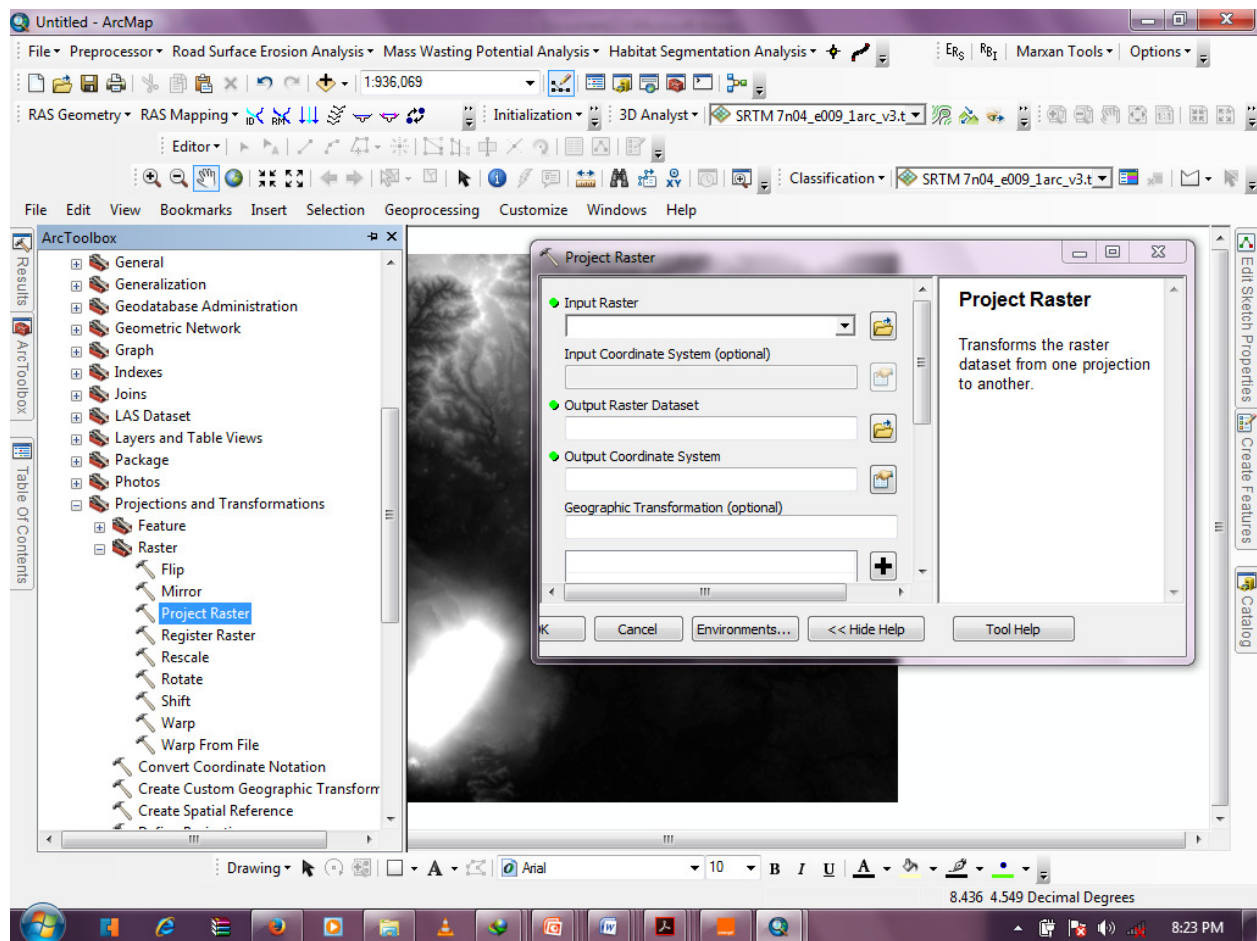


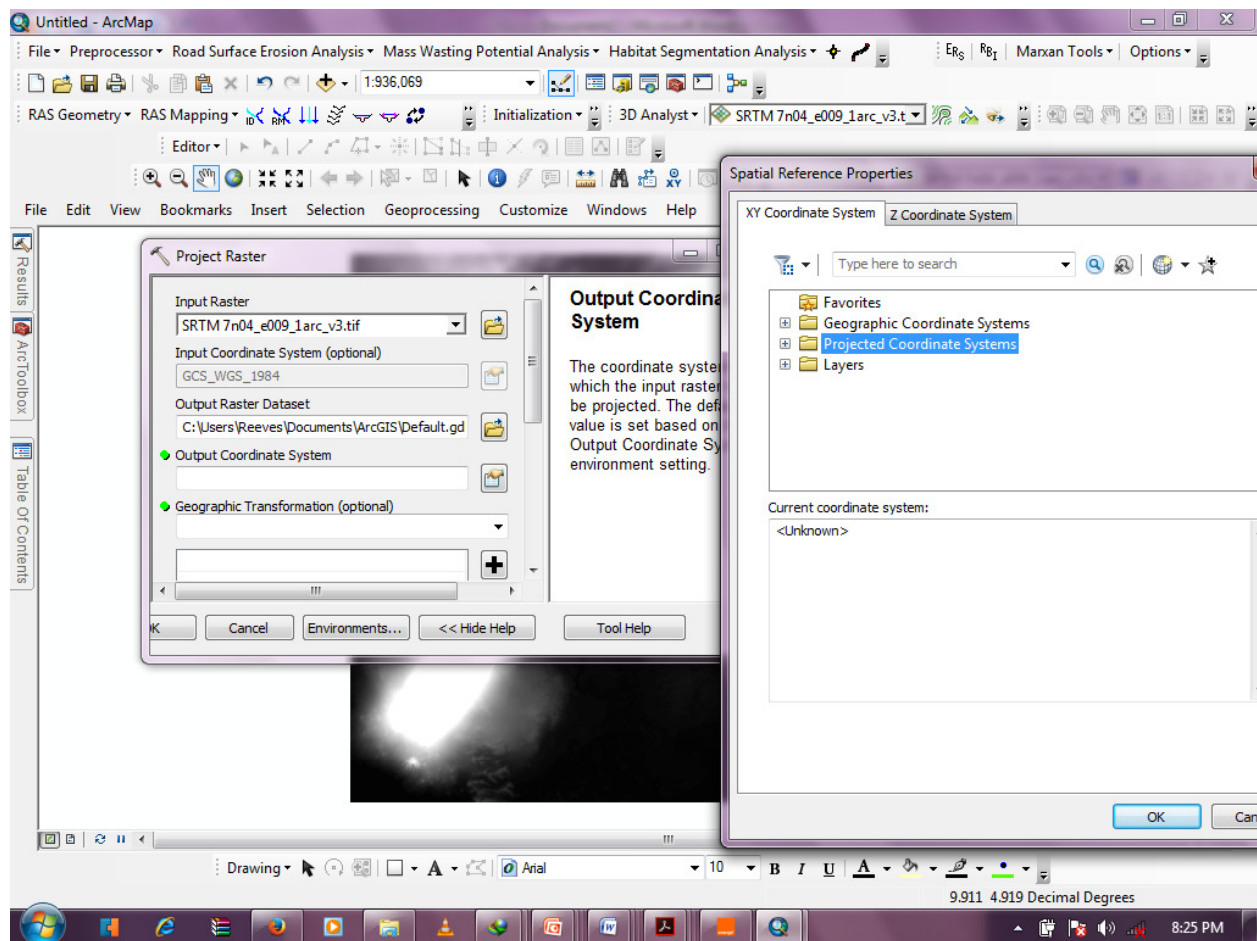
Create a fill DEM to remove small imperfections.

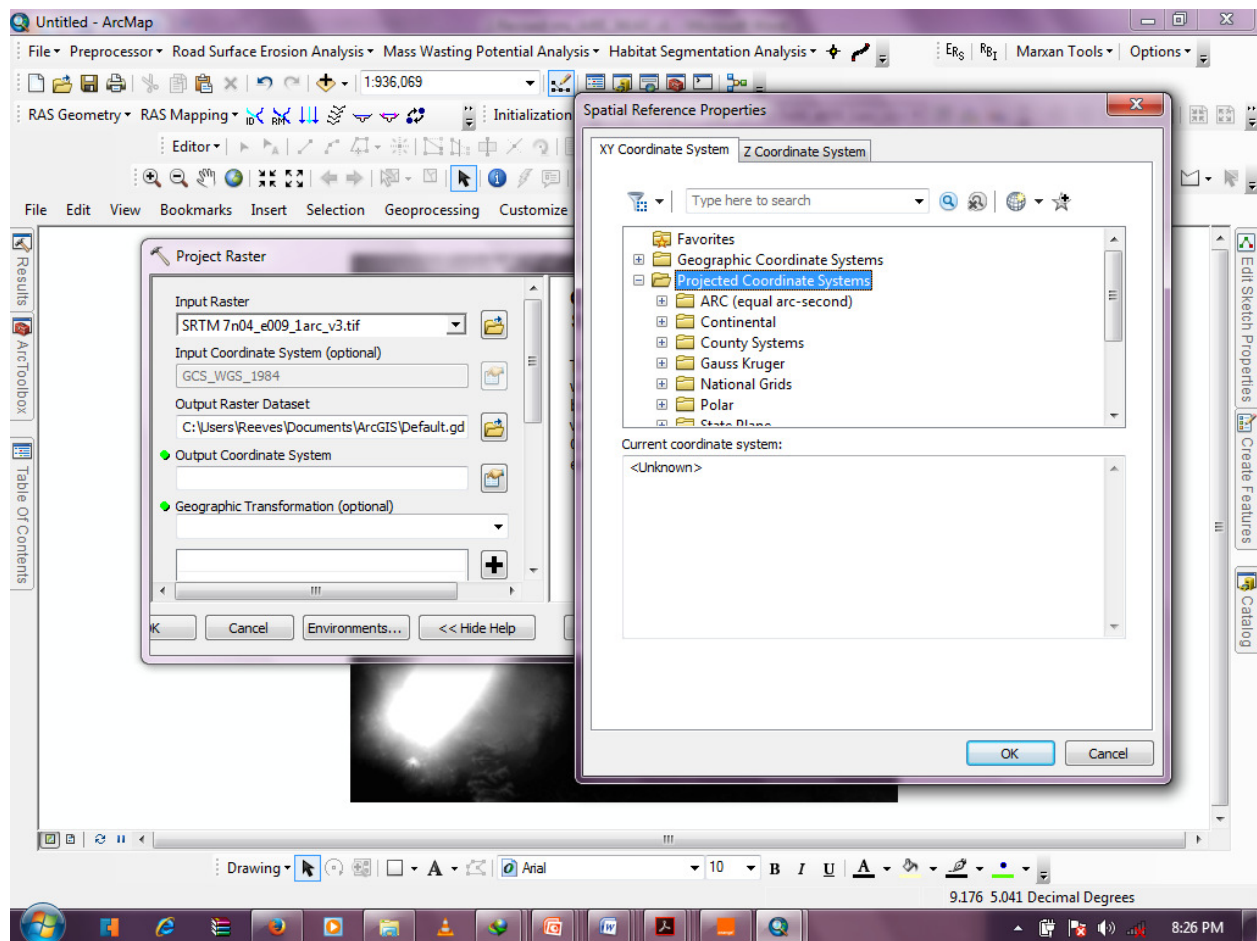


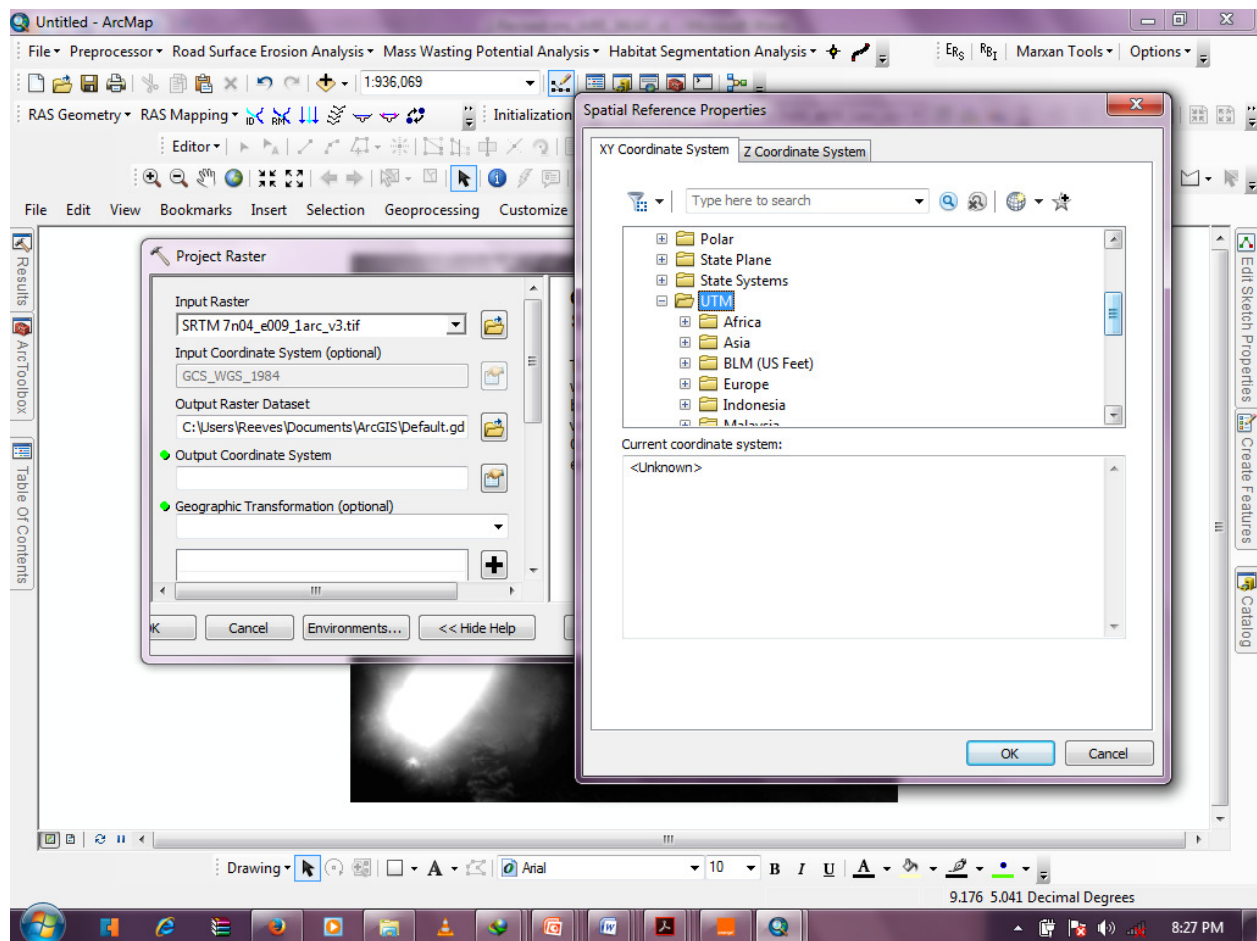
Now project raster to a UTM coordinate system

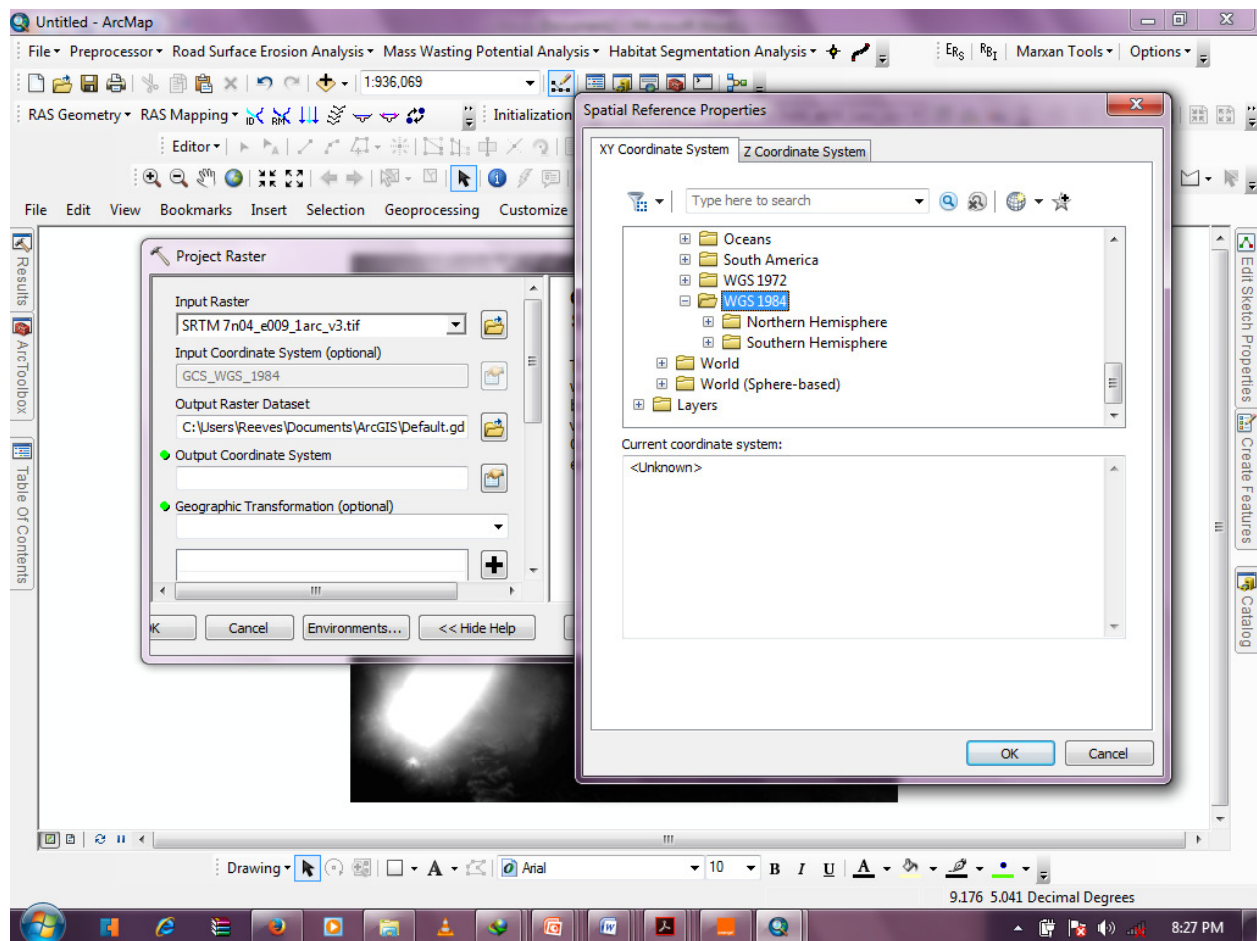


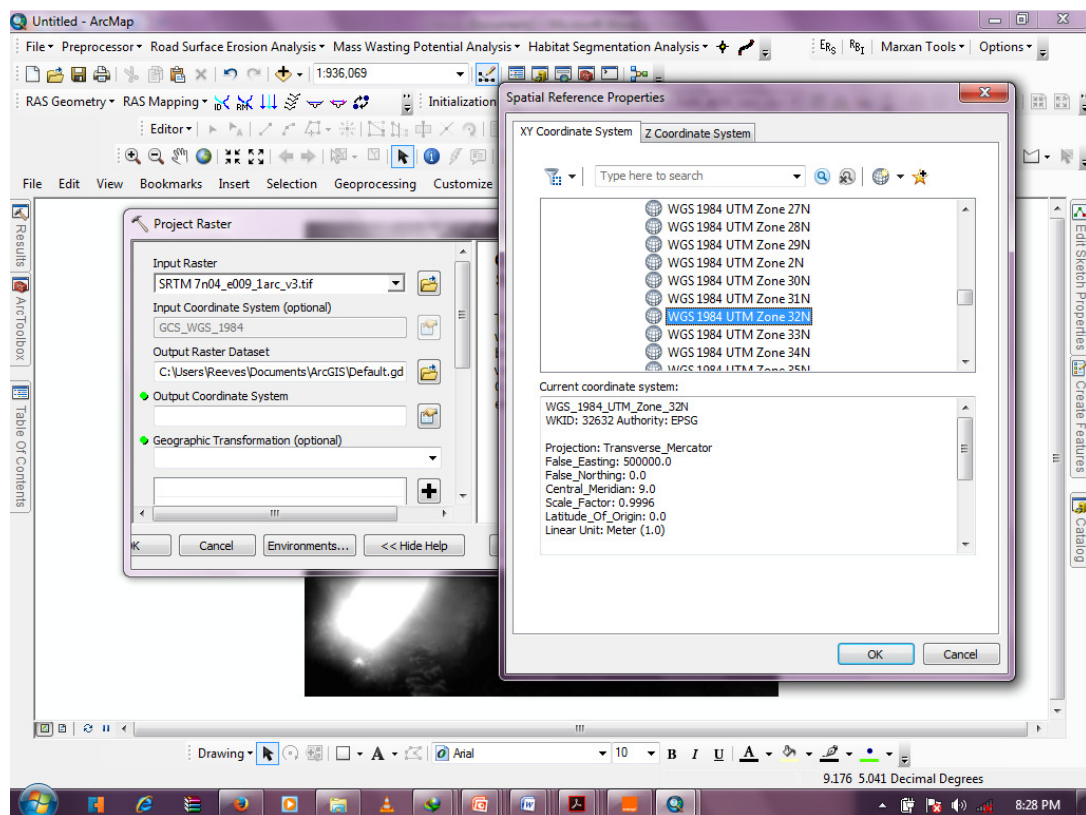
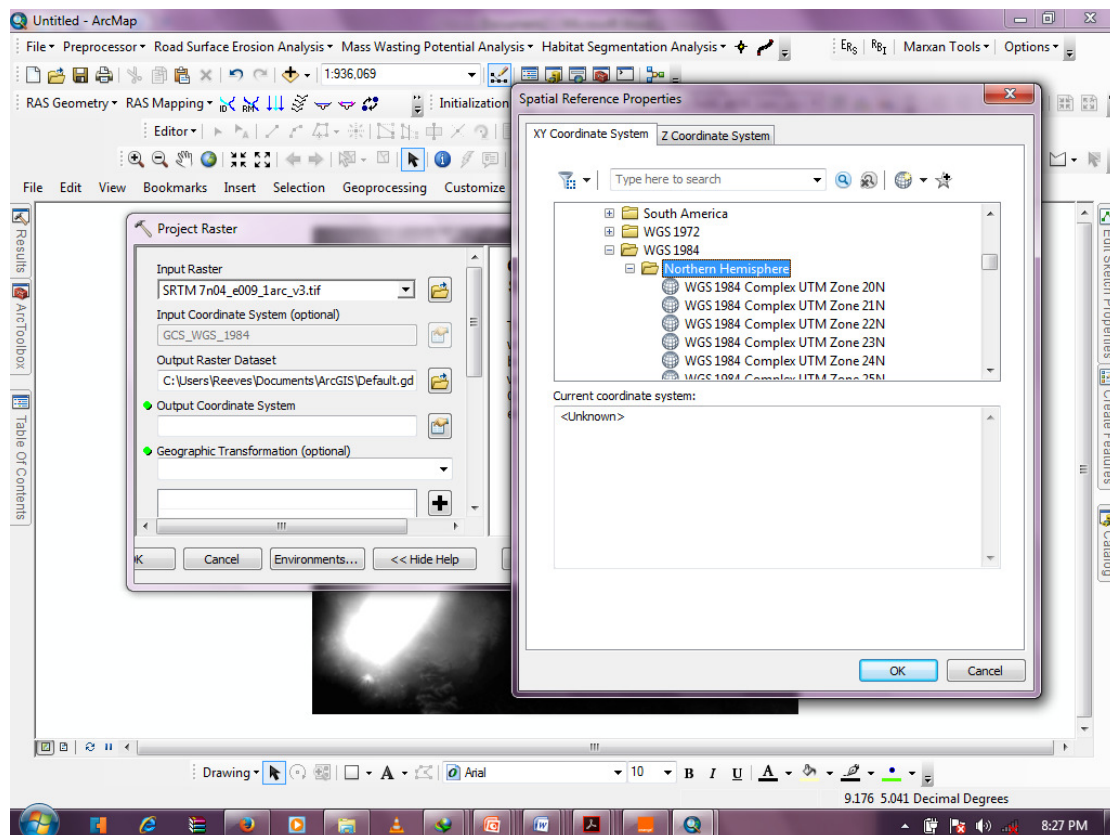




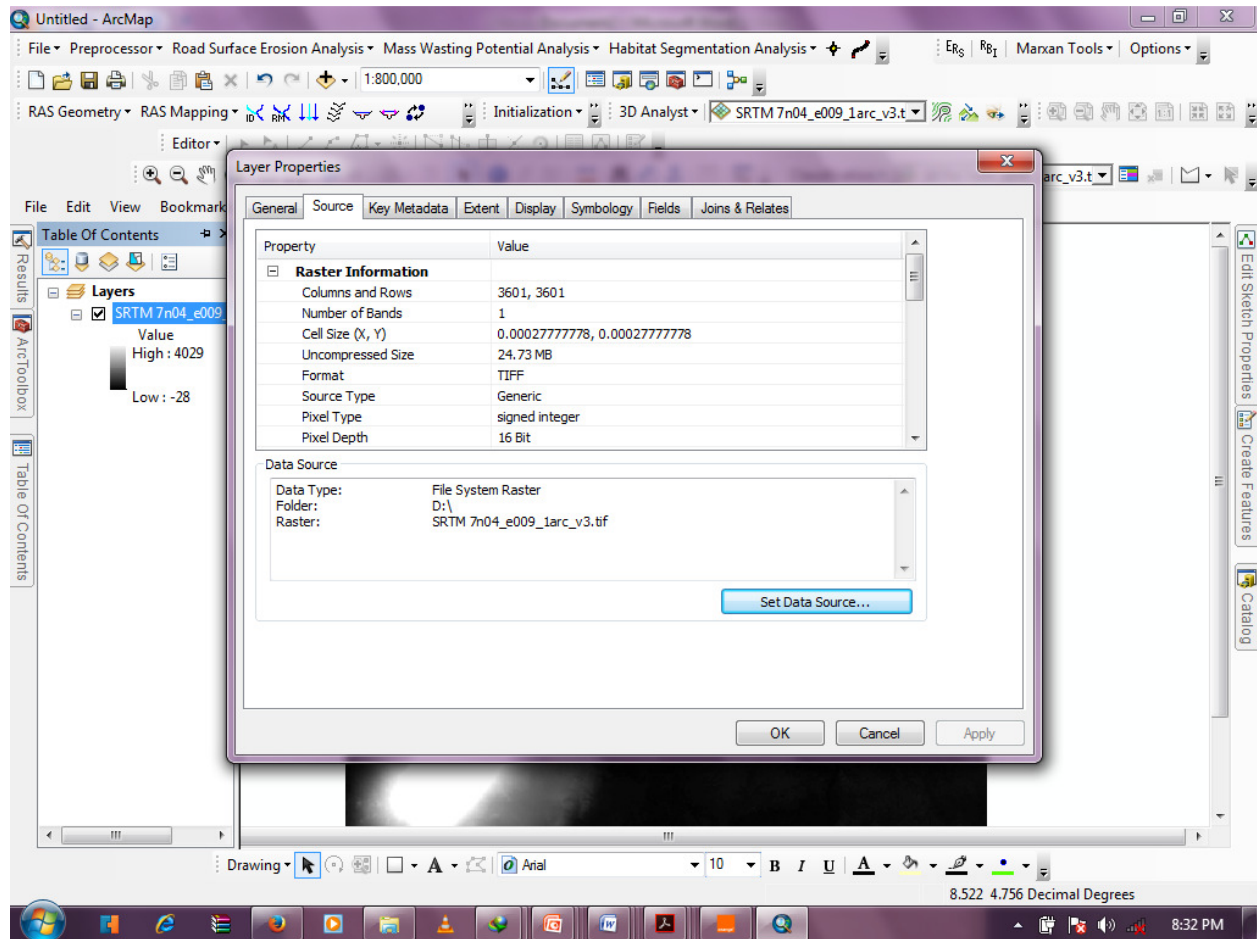


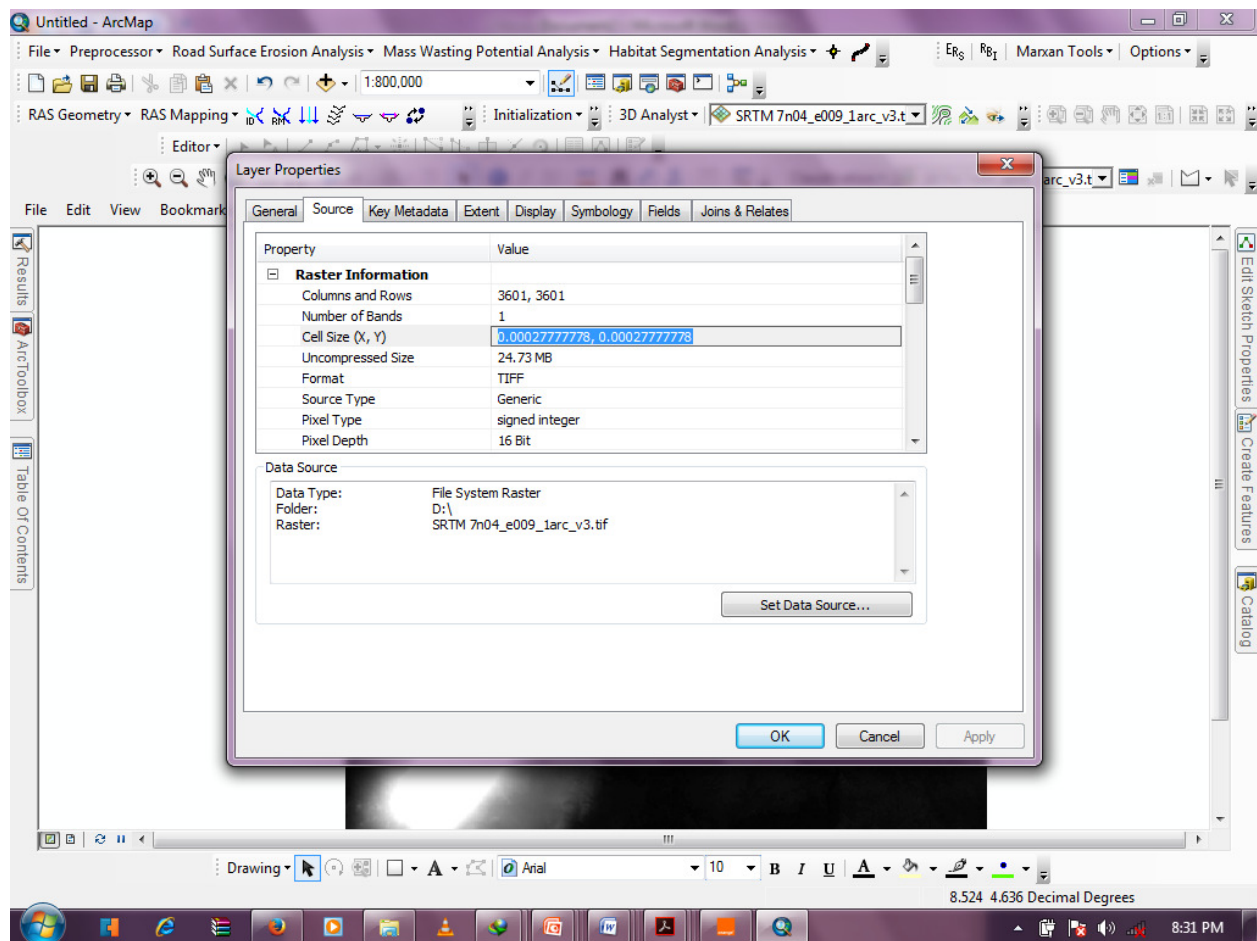




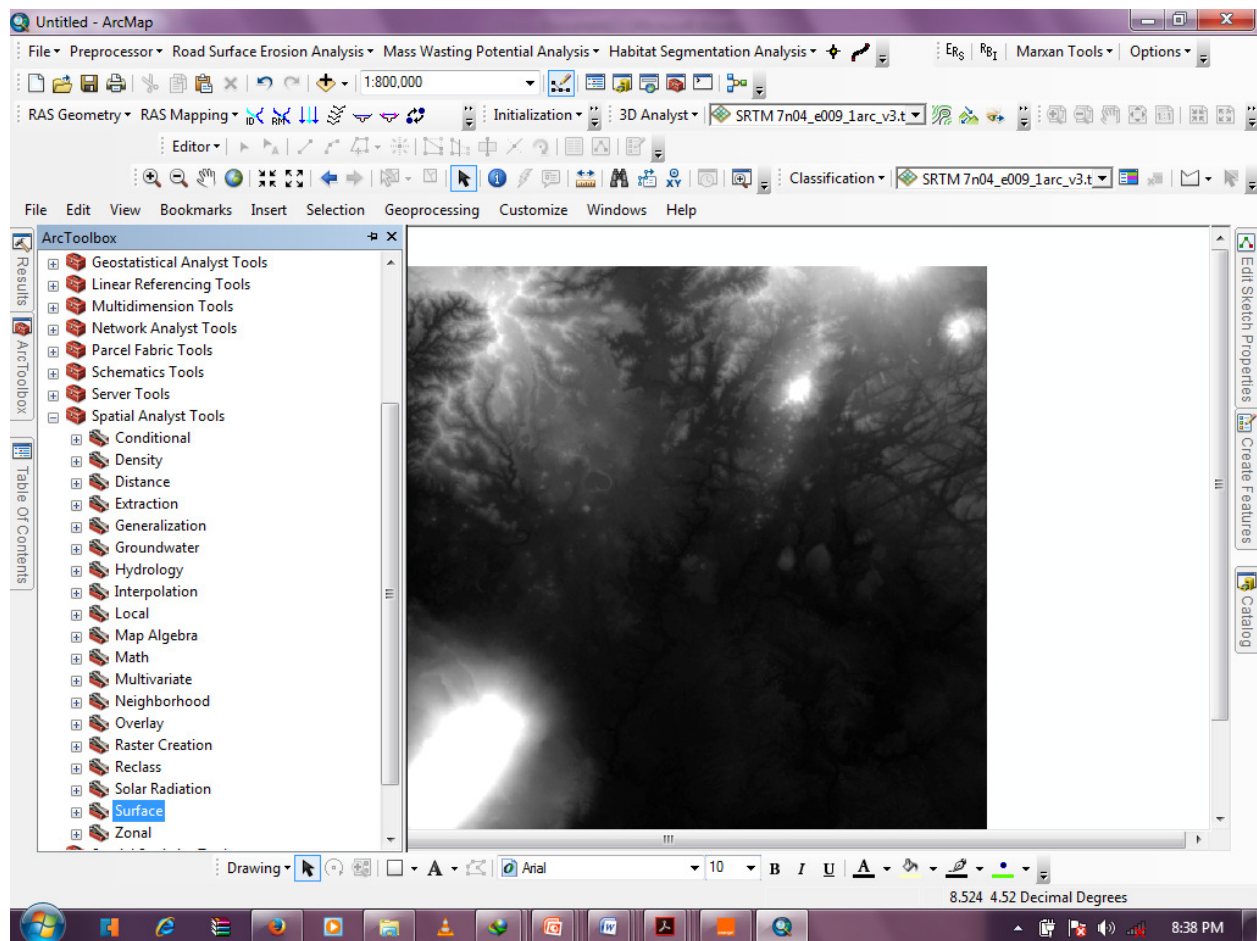


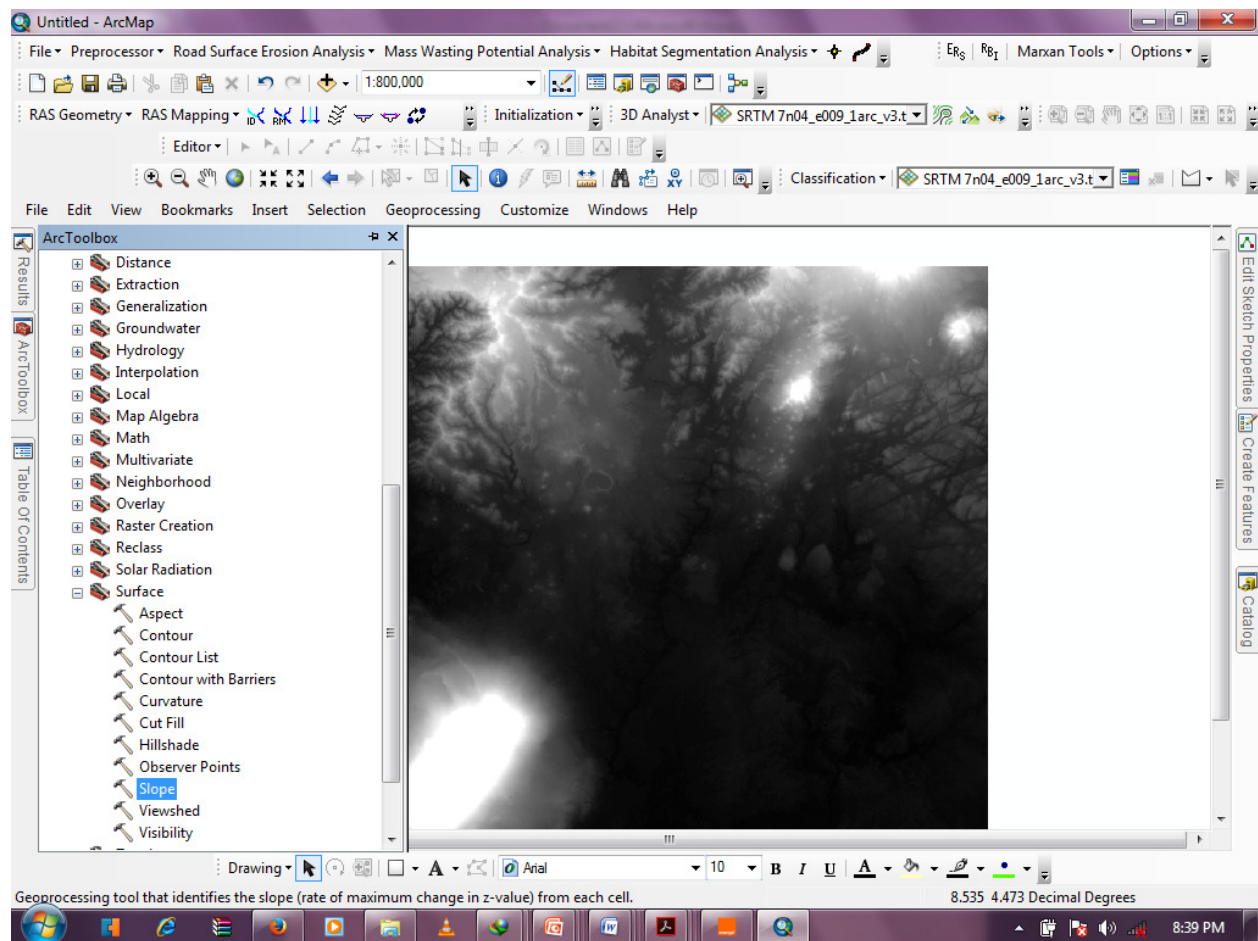
Here you get a projected DEM. Check out the DEM source and cell size again by double clicking on DEM as below.





Cell size before projection. Note once projected, size cell changes to 30, 30 (30 spatial resolution). Your DEM is now ready for GIS analysis of slope and other surface measurements.





You can choose percent rise or gradient. You now have a slope in % or gradient and not in range of values similar to a relief map.

N.B: for LS and C factor generation, use spatial analyst tool, map algebra, then enter function and validate.