

Wynshum Luke

Geog 342

Final Project Write Up

The purpose of this project is to perform a supervised image classification of a section of Rondolandia, Brazil utilizing QGIS and the Semi-Automatic Classification Plug-in (SACP). Data was obtained from the United States Geological Survey. After preprocessing the imagery, training sites are selected to inform the classification. SACP can run three different classification algorithms, for this project, I will run all three of them. Quality Control is performed on the existing training sites and classification is run again. Post-Processing through editing and reclassifying are done on areas where the classifications are struggling to accurately classify. An accuracy assessment is performed at the end of the classification.