Urbanization induced changes to the ravine system adjacent to Grand Valley State University



3. Slope Stability

A slope change map (Fig. 9) was constructed by digitizing the contour lines of a 1963 topographic map and creating a Digital Elevation Model (DEM). Using map algebra, the 1963 DEM was subtracted from a 2005 Lidar DEM. The resulting map highlights areas that have changed.

