Simple Raster Differencing

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Tutorial notes
Applications of High Resolution Topography to Geologic Hazards in Utah
September, 2017, Salt Lake City, Utah
Parkway/Eagle Crest Landslide, North Salt Lake
Typical Rotational Landslide

Slide courtesy of G. Beukleman, UGS
Load the 1 m DSMs into ArcMap

Computed these using BLAST2DEM (as we learned earlier)

Load into ArcMap, compute hillshade. Put the DSM over the hillshade with 50% transparency and change the color ramp.
Compute the difference POST-PRE
What is a significant difference?

Area of no significant change:
Significant difference $\geq 1$ and $\leq -1$