1. •Download the Landsat 8 OLI Image of the Mount Fuji Area from the USGS EarthExplorer

2. •Uncompress and load the imagery in Focus

3. •Use PANSHARP tool to pan-sharpen the imagery
   •Parameter Setting: Input = Blue, Green, Red, Near Infrared; Input Pan = Panchromatic

4. •Clip the imagery to the study area extent

5. •Use FSHARP tool to apply high pass differential filter and sharpen the imagery further

6. •Use SCALE tool to rescale the imagery from 16-bit to 8-bit

7. •Download the SRTM Elevation Tiles of the Mount Fuji Area from the USGS EarthExplorer

8. •Load the SRTM DEM in Focus

9. •Merge, project, and resample the DEM into the imagery

10. •Use REL tool to generate shaded relief enhancement of the DEM

11. •Load the imagery using Cubic Resampling in ArcGIS Pro

12. •Enhance the imagery further using Layer Contrast

13. •Set the opacity level of the imagery in draw-order above the shaded relief layer

14. •Add the appropriate map elements and produce a final cartographic output