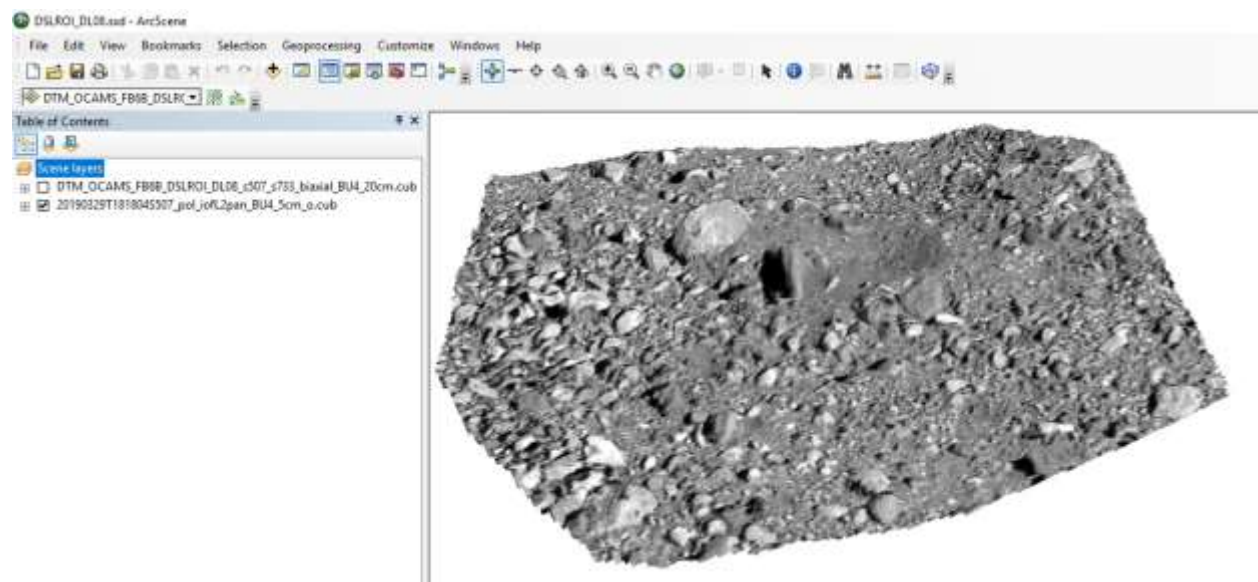


ArcScene Import for DTMs

Import DTM and Ortho Images into ArcScene

1. Open a new document in ArcScene > select default template.
2. Under File > Import New Data (Diamond with the plus symbol), or drag and drop files from ArcCatalog, or if you already have some files in Arcmap: select file > copy in Arcmap, then > Edit > Paste data in ArcScene.
3. Both the DTM and ortho image should appear co-located. Deselect the DTM for now. Select the ortho images properties > Base Height tab > Elevation from surface select custom surface and select the associated DTM. Confirm the raster surface elevation is what you want and select OK. The DTM can also be viewed in perspective using the same directions.
4. The Navigate tool then can be used to adjust the perspective view.
5. Save the project as you would an Arcmap file.



(Here is an example of what you will see in ArcScene once the steps are completed)

Troubleshooting

1. Raster Not Displaying correctly

Once you complete the above steps, if your raster looks to not be displayed properly (eg; flat terrain, jagged edges) then you will just need to adjust the Raster Resolution in the Base Heights tab. You will want to input in the Rows and Columns fields the same values as the Original Surface.



BU4_20cm.cul

Layer Properties

General Source Extent Display Symbology Base Heights Time Rendering

Elevation from surfaces

No elevation values from a surface

Floating on a custom surface:

\\orfs-florex-homes\chojan1\OCAMS_testing\OCAMS_FB68_DSLROI_DL08\biaxia\Outp

Raster Resolution...

Elevation from features

No feature-based heights

Use elevation values from features

Factor to convert layer elevation to base surface elevation: 1.0000

Use a constant value

0

Layer offset

Add a constant elevation

About setting base heights

OK Cancel Apply

Raster Surface Resolution

This dialog is used to specify an approximate maximum resolution for the base surface.

	Base Surface	Original surface
Cellsize X:	0.228926	0.228926
Cellsize Y:	0.228926	0.228926
Rows:	229	229
Columns:	193	193

OK Cancel

