Lab assignment 6:   Suitability Analysis | ArcScene 3D Viewshed

Assignment goals : **Perform** 3D surface analysis, **Display** rasters in 3D

Model_BigHead

Model   Edit   Insert   View   Windows   Help

Raster Calculator

Map Algebra expression

Layers and variables
◇ Viewshed3_Nu
◇ Slope_BH
◇ Viewshed1
◇ Viewshed2
◇ HillSha
◇ Elevat11
◇ WorldView 2 Imagery - Oahu.tiff

7	8	9	/	==	!=	&
4	5	6	*	>	>=	|
1	2	3	-	<	<=	^
0		.	+	(	)	~

Conditional
Con
Pick
SetNull

Math
Abs
Exp

`"%Input_elevation%"-"%Elevation_mean%"`

Output raster

`C:\Users\__\Documents\ArcGIS\Default.gdb\rasterca`

OK   Cancel   Environments...   << Hide Help   Tool Help

Map Algebra expression

The Map Algebra expression you want run.

The expression is composed by specify the inputs, values, operators, and tools You can type in the expression directly o the buttons and cont help you create it.

- The Layers an variables list identifies the datasets avail use in the Ma Algebra expre
- The buttons a