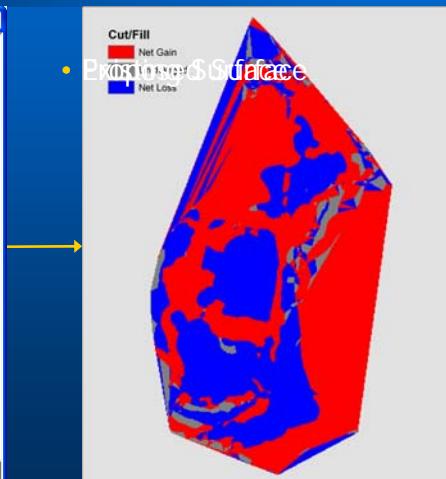


Increasing Workflow Efficiency In Cut/Fill Analysis

By Tyler Vick
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Geog 590

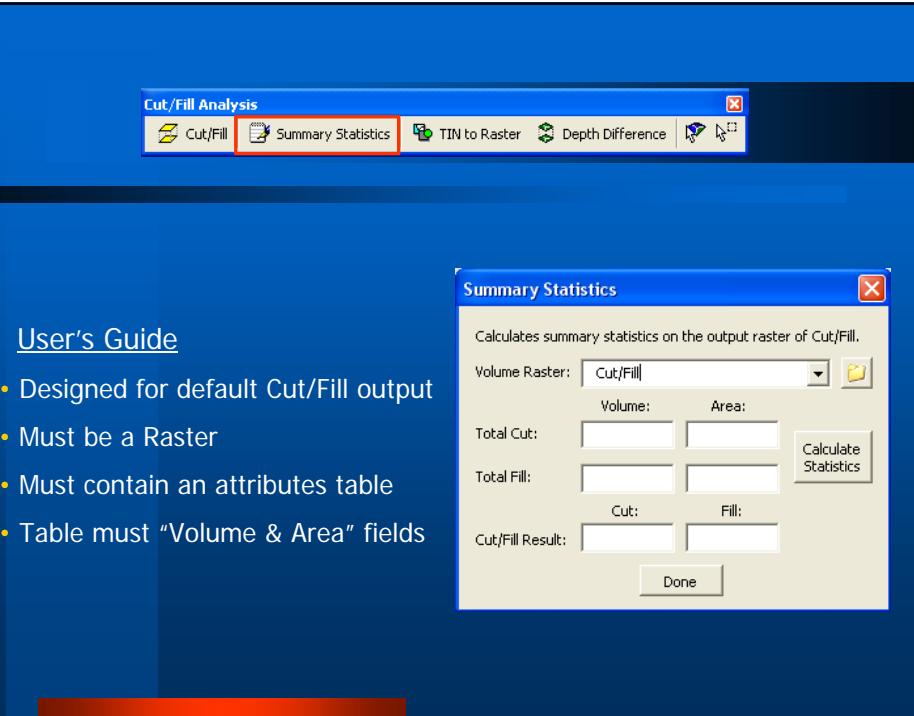
Cut/Fill Analysis

Rowid	Value *	Count	Volume	Area
1	2	108	-3.8931864765825	432
2	3	1	0	4
3	4	46667	7959.451171875	18668
4	5	119	0	476
5	6	1	-0.0826416015625	4
6	7	18	0	72
7	8	1	0.2454833984375	4
8	9	1	-0.1290283203125	4
9	10	1	0.245605468375	4
10	11	1	-0.1290283203125	4
11	12	2	0.4144267109375	8
12	13	1	-0.129272469375	4
13	14	1	-0.100341796875	4
14	15	1	-0.129150390625	4
15	16	1	0	4
16	17	1	0	4
17	18	5	0	20
18	19	1	-0.0086669921875	4
19	20	63	0	252
20	21	1	1.177001953125	4
21	22	1	-1.016357421875	4
22	23	1	-0.2322998046875	4
23	24	120	0	480
24	25	1	-1.128173828125	4
25	26	1	-0.2164306640625	4
26	27	18	0	72
27	28	1	-1.26708844375	4



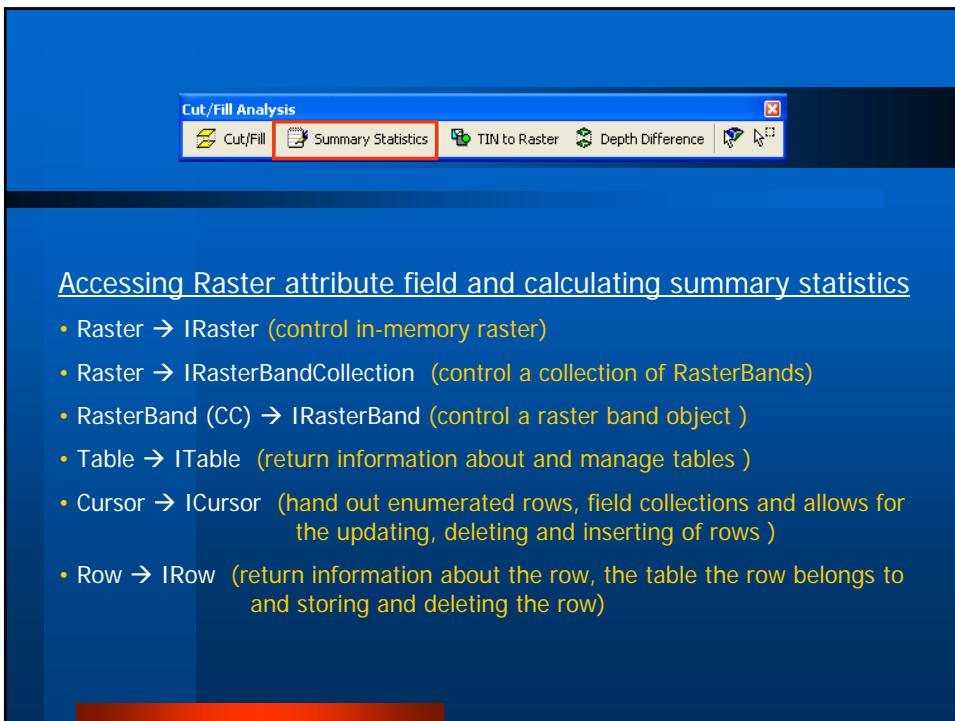
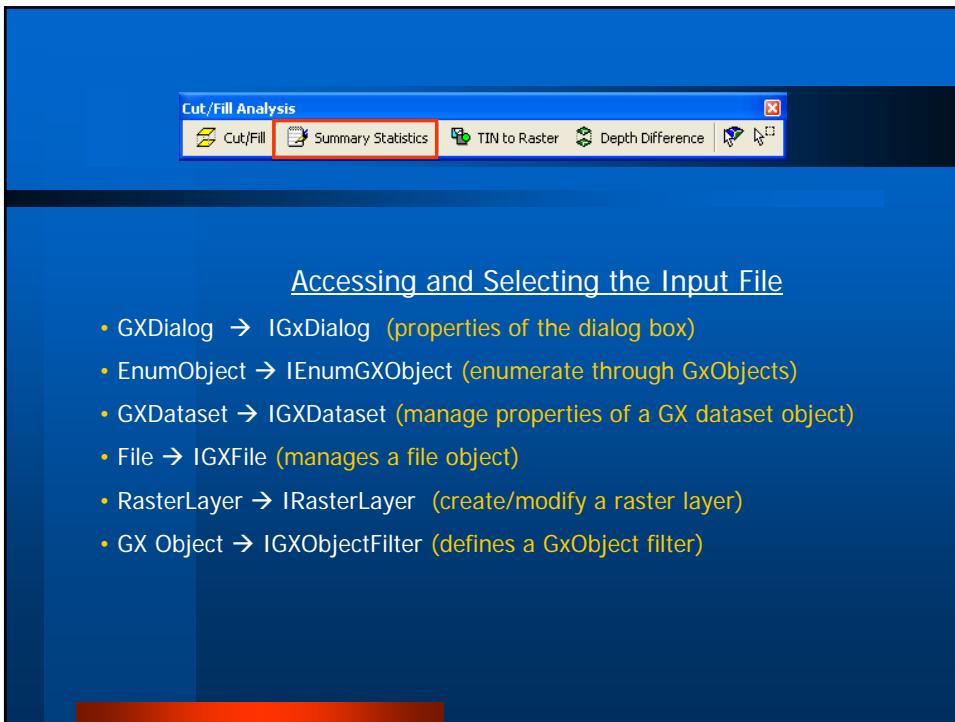
Purpose

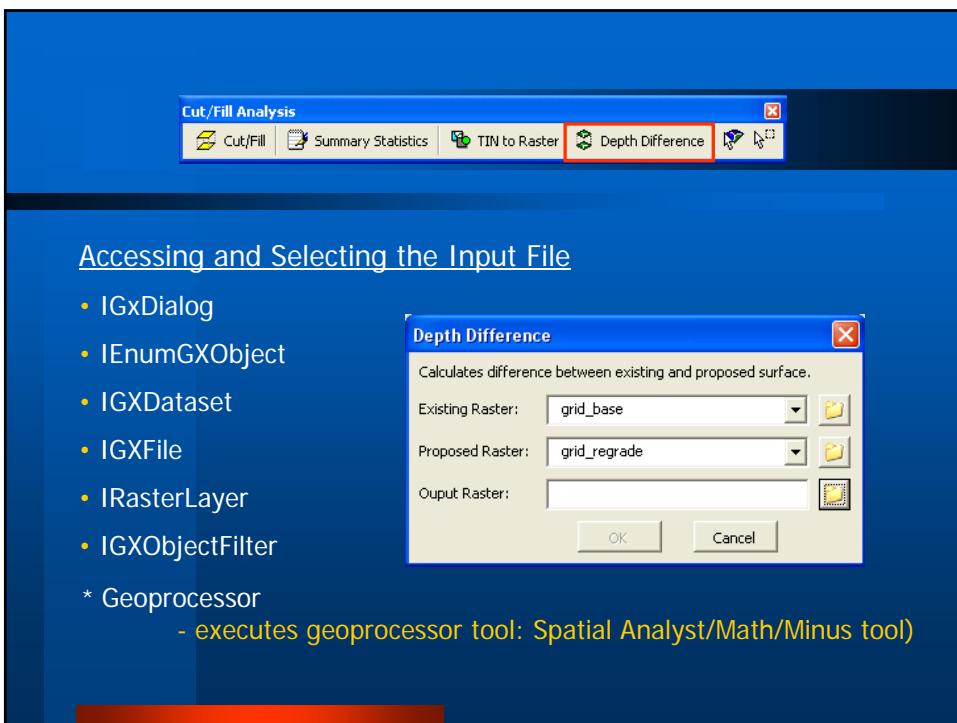
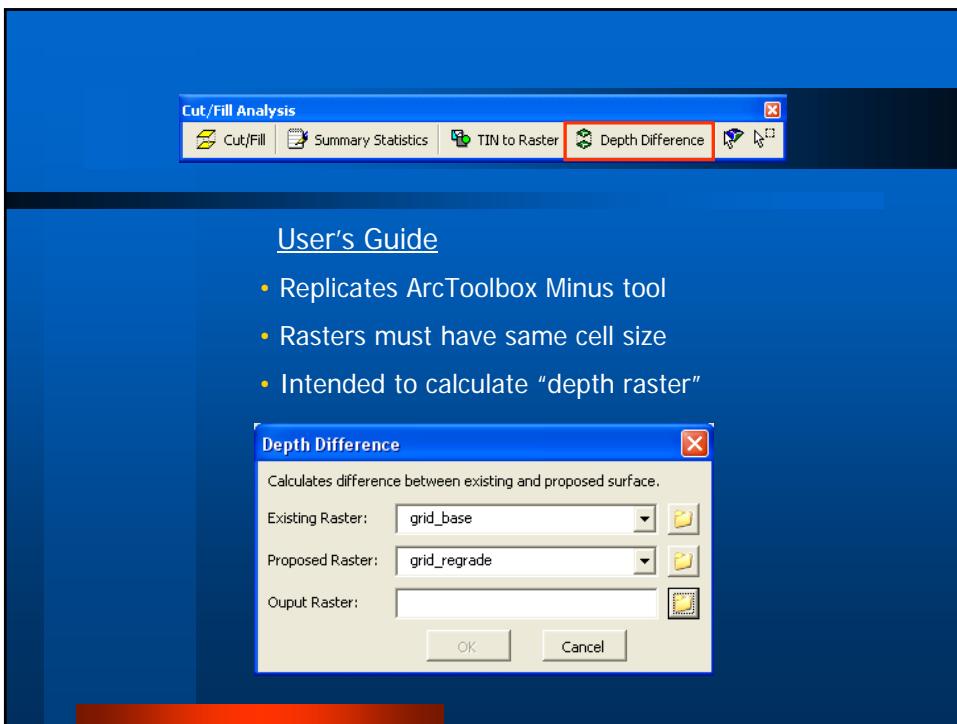
- Calculate Summary Statistics
 - Calculate Difference in Elevation (i.e. Depth)
 - Retrieve Pixel Value
 - Calculate Average Pixel Value & Area by Polygon Extent
- ...still in progress*

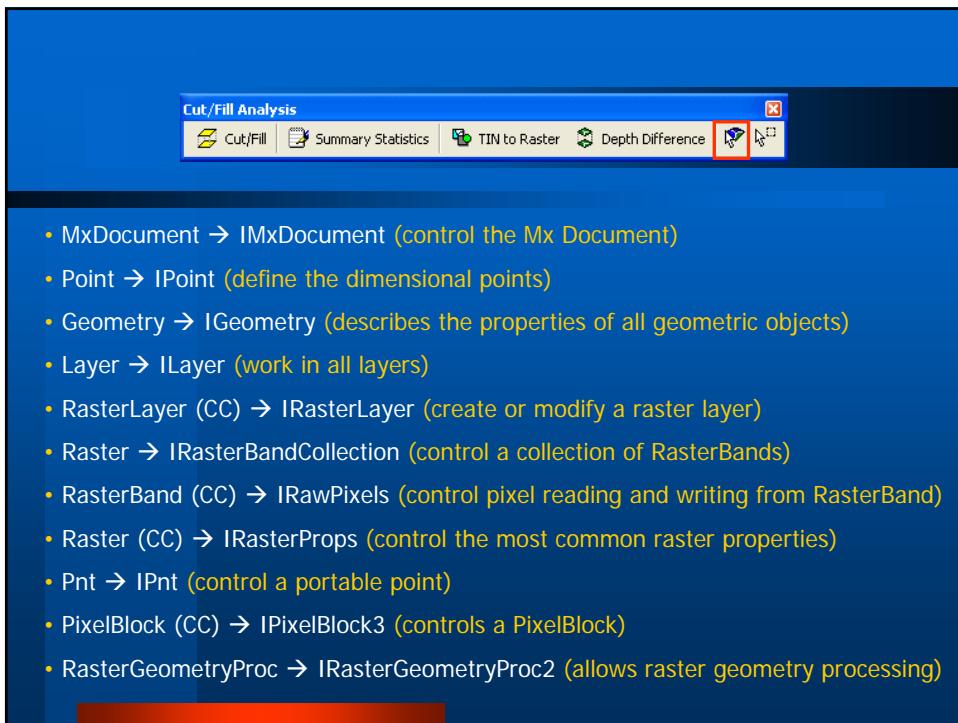
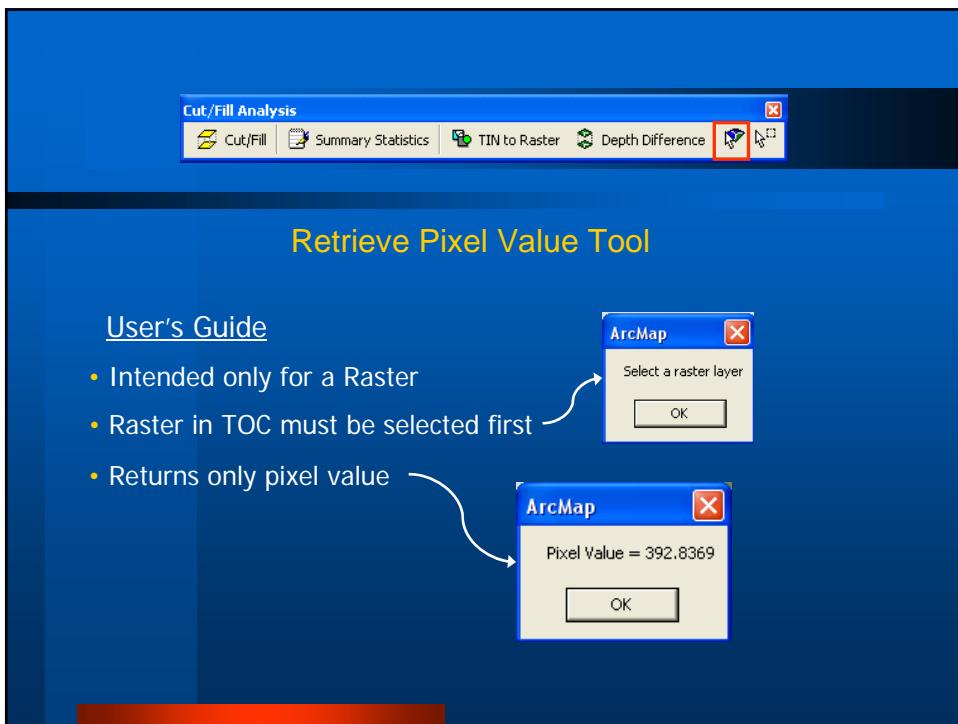


User's Guide

- Designed for default Cut/Fill output
- Must be a Raster
- Must contain an attributes table
- Table must "Volume & Area" fields







Sources

- Chang, Kang-Tsung. 2008. *Programming ArcObjects with VBA*. New York: CRC Press.
- ESRI. ArcScripts, ESRI Developer Network, Online Help. www.esri.com.
- Duh, Geoffrey