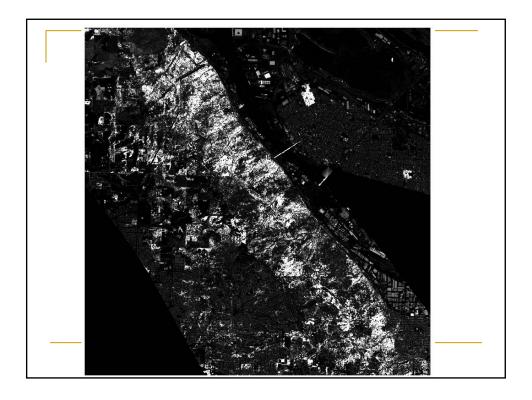
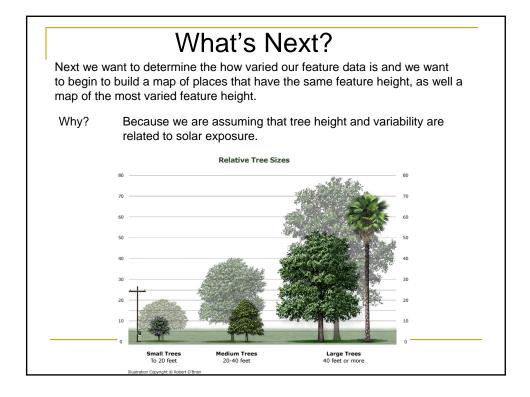


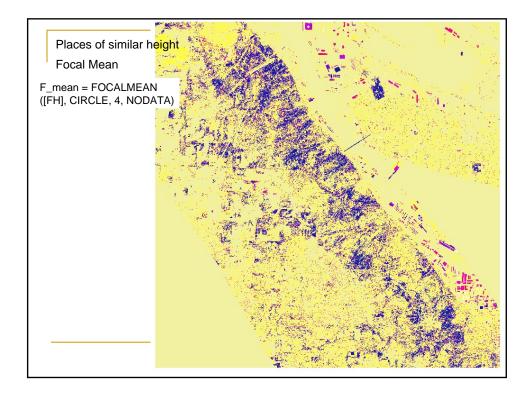
2.94	# Raster Calculator
	Layers: combine • 7 8 9 = ↔ And DEM Lidaring
	DEMolp2 DSM_Lidar.ing EAST2 / 4 5 6 > >= Or
4 3	FHM - 1 2 3 < <= Xor FHM2 - - 1 2 3 <
and the second se	+ 0 . () Not
	FH = ([DSM_Lidar img] - [DEM_Lidar img])
	About Building Expressions Evaluate Cancel >>
	By subtracting the Ground Model from th First Return, you end up with a flat surfac depicting the feature height of any given surface.

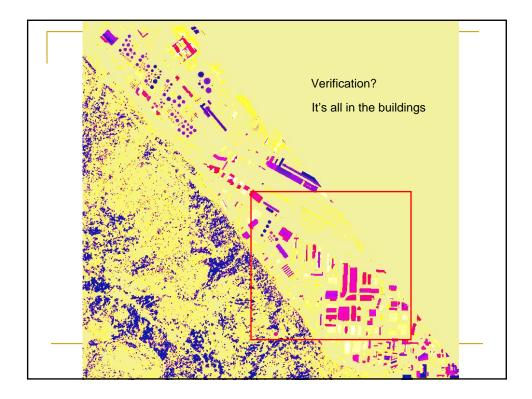


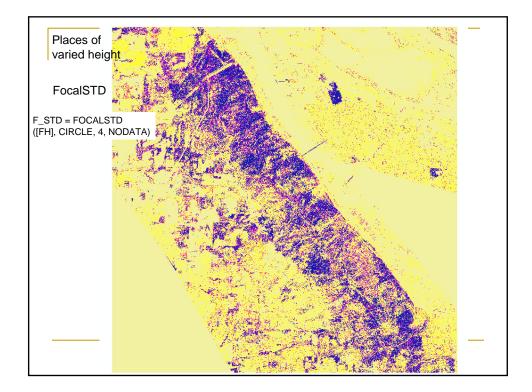


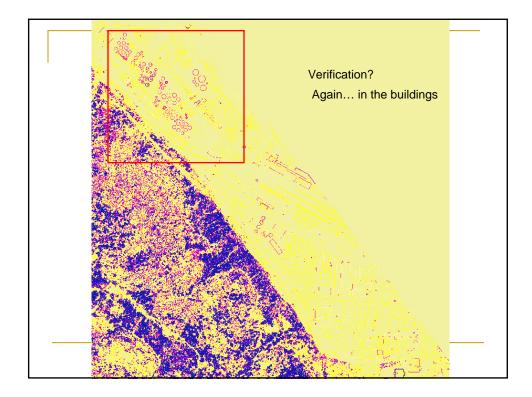
Feature Height: Vertical exaggeration = 10

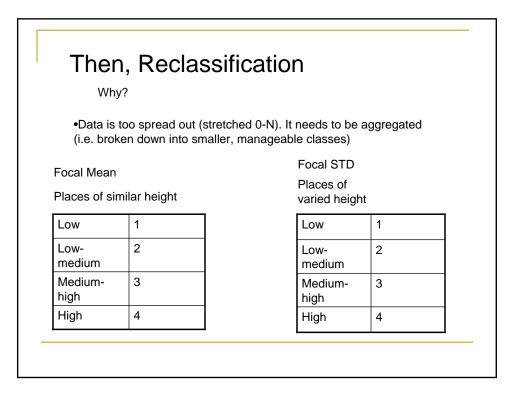


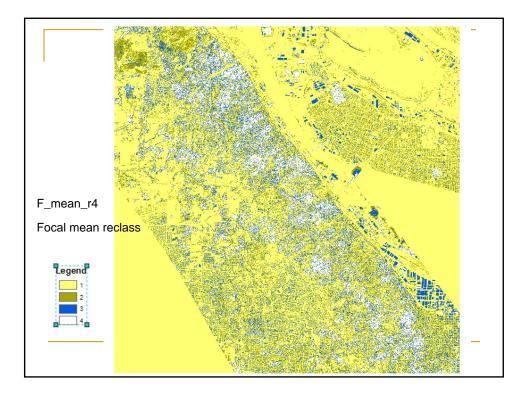


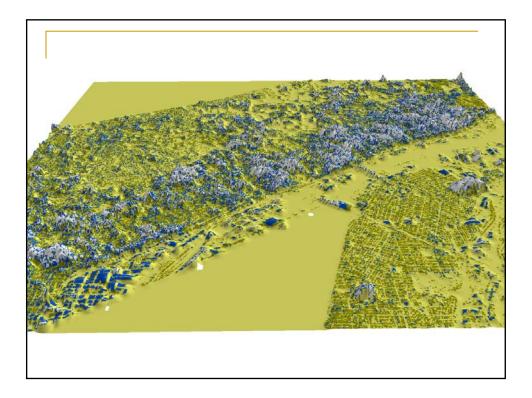


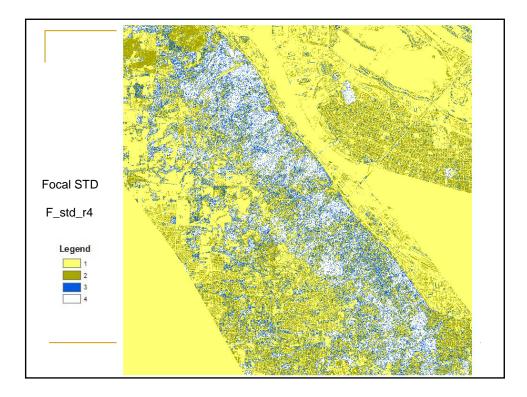


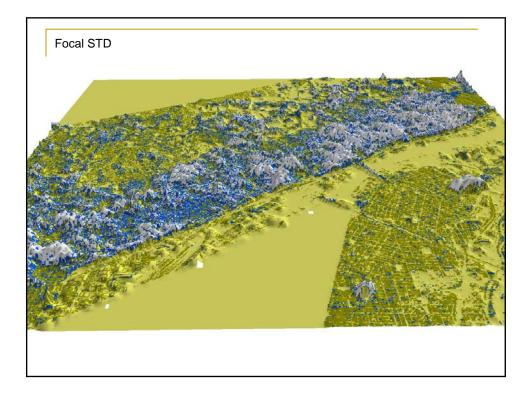


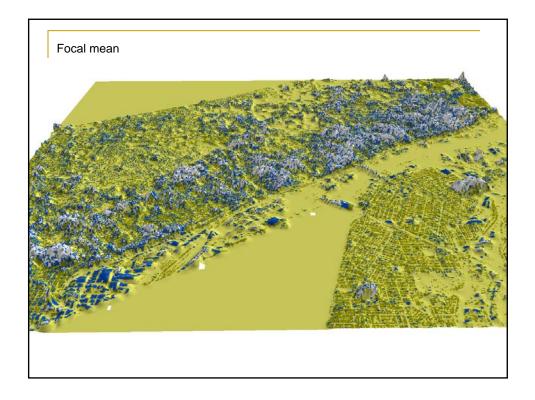


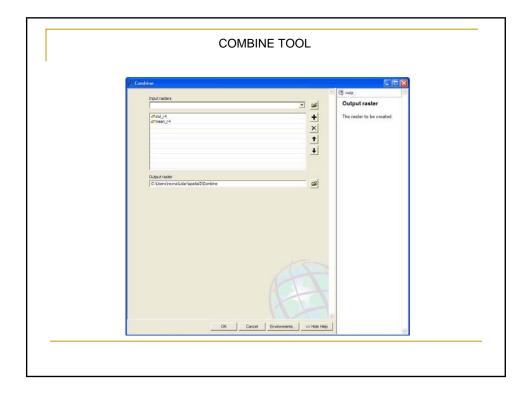


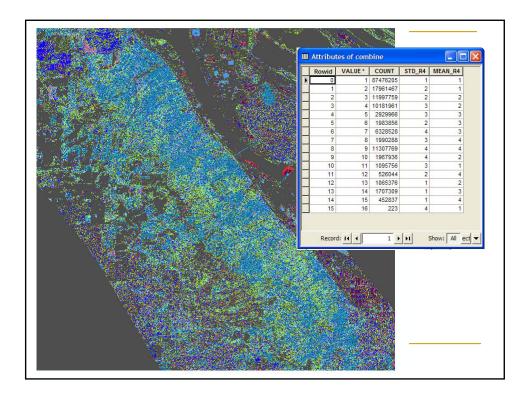


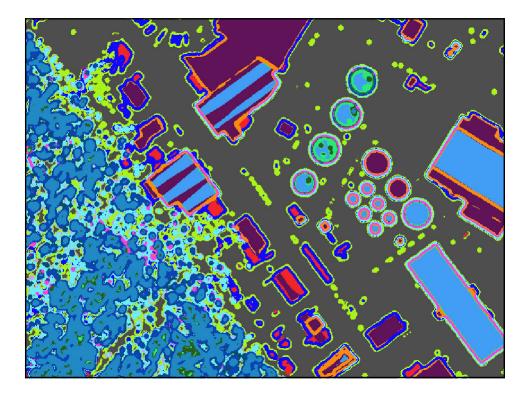


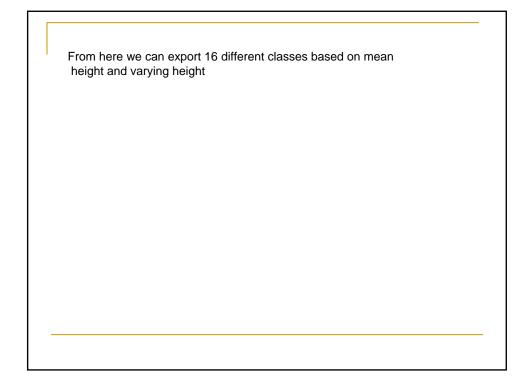


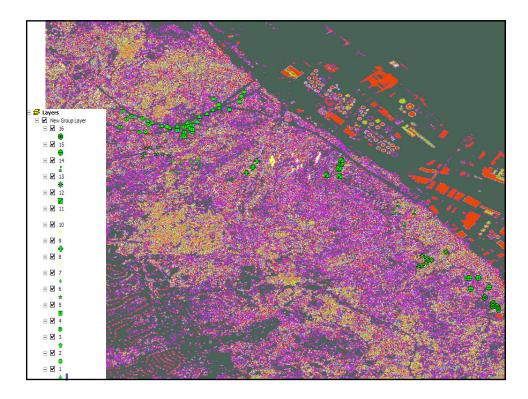


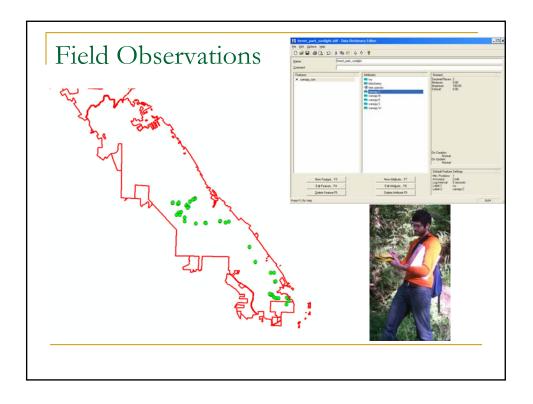




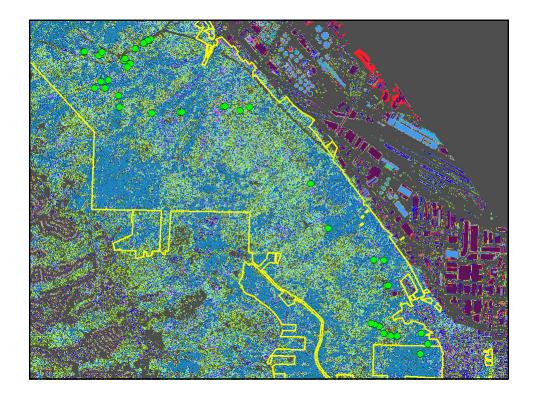


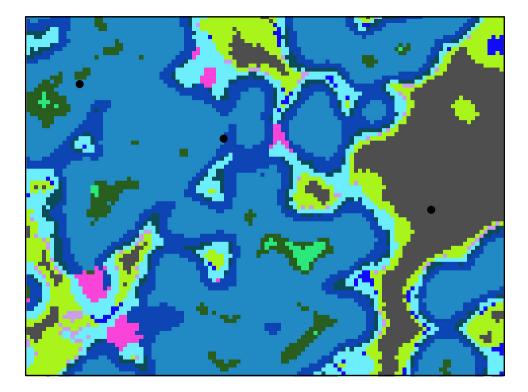


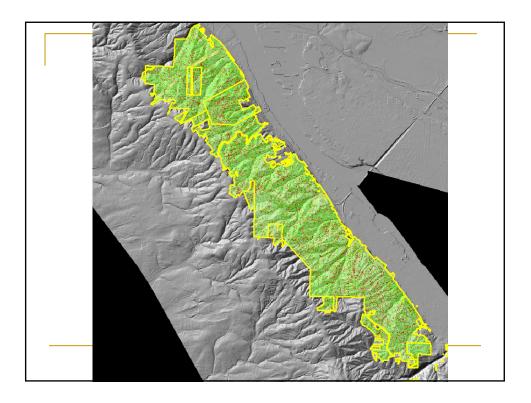


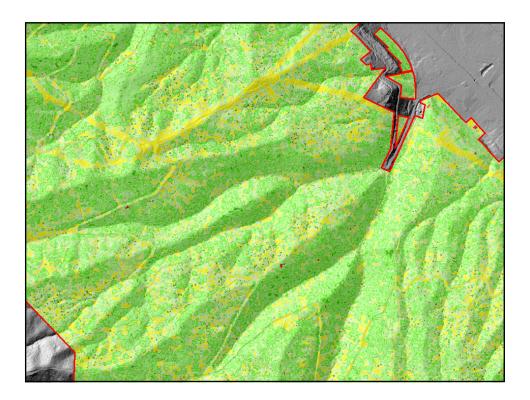


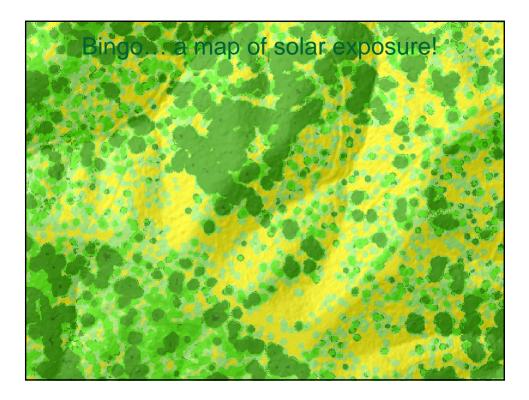


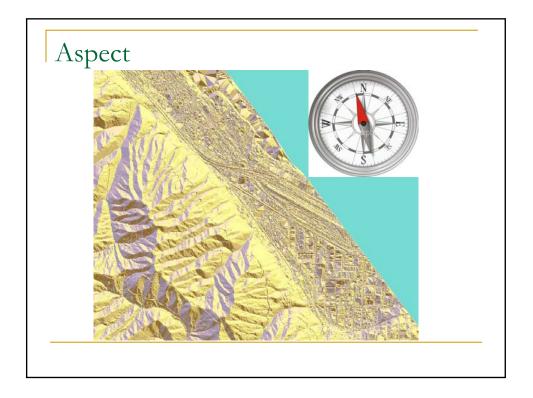


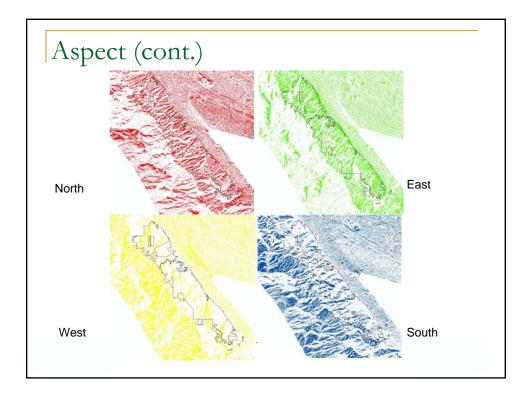


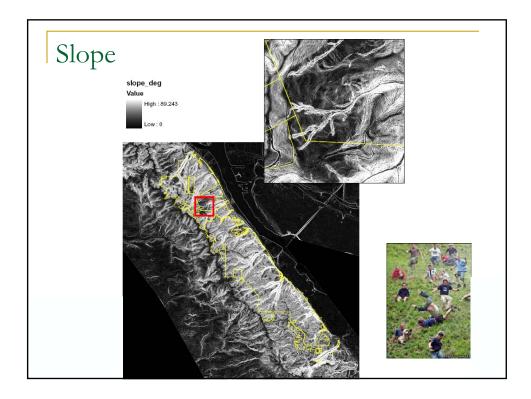


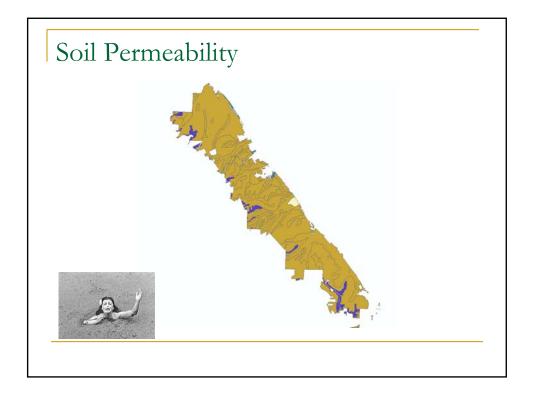


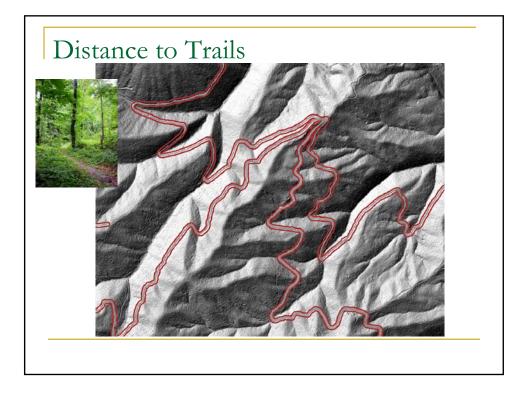


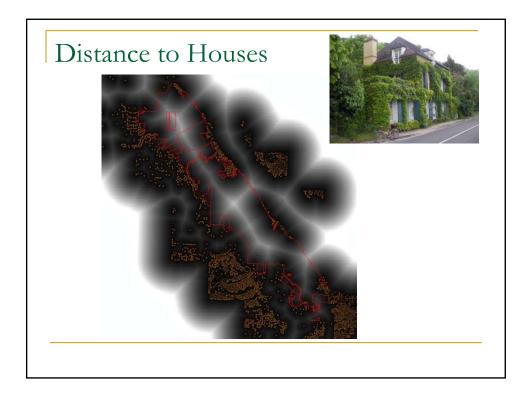




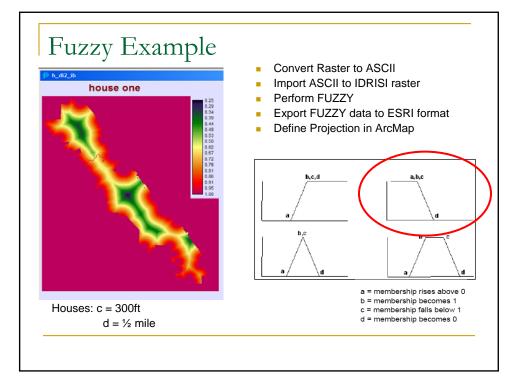








■ 0=Lov	ets rescaled to values betwee v Risk, 1=High Risk Reclass and FUZZY	en 0 and 1.			
English Ivy	Himalayan B-berry	'Plant X'			
		Solar Exposure :			
Solar Exposure :	Solar Exposure :	c = 100%			
a =100%	c = 100%	d = 90%			
b = 0%	d = 0%	Trails: 0 or 1 reclass			
	Trails: 0 or 1 reclass	Slope: a = 25°			
Trails: 0 or 1 reclass	Houses: c = 300ft	b = 40°			
	d = ½ mile	c = 60°			
Houses: c = 300ft	Slope: a = 0°	d = 75°			
d = ½ mile	b = 45°	Aspect: $N = 1 E,S,W = 0$			
. ,2	$c = 70^{\circ}$	Soil Permeability:			
		a = Low			
	d = 90°	b = High			



A	na	lyti	сΗ		hy Process y 1980)	6 (A	HP)
Pairwise c		-	sons		v important is A relative		ence index signed
o determ					ally important	as	1
weights	for	Α, Ι	3, C	Mod	derately more important		3
					ngly more important		5
					y strongly more important whelmingly more		7
					ortant		9
	А	В	С	Criterion	Geometric me	an	Weigh
А	1	5	9	A	(1*5*9) ^{1/3} = 3.5	569	0.751
В	1/5	1	3	в	(1/5*1*3) ^{1/3} = 0.8	434	0.178
С	1/9	1/3	1	С	(1/9*1/3*1) ^{1/3} = 0.	3333	0.071
				Sum	4.7337		1

А	naly	tica	l Hie	rarch	ny Pr	rocess]	Fa	cto	or	Weiş	ghts		
Rubus Discolor BERRY	sun	trails	houses	slope	geometrie mean	•		Hedera helix IVY		sun	trails	houses	geometric ouses mean	
Solar Ex	1.000	3.00		7.000	3.70779		-	Sol	ar Ex	1.0	00 5.000	0.200	1	0.234411
Trails	0.333	1.00		5.000	1.69904		-	Tra	ils	0.2	00 1.000	0.200	0.341995	0.080167
Houses	0.111	0.20		1.000	0.3860		-	Но	uses	5.0	00 5.000	1.000	2.924018	0.685422
Slope	0.143	0.20	0 1.000	1.000	6.2040		-						4.266013	1
			X Solar Ex Trail	sun 1.000 0.143	trail 7.000	Permeability 5.000 0.200	9	ope .000		ct 000 333	geometric mean 3.159818 0.581811	0.503293	-	
		ŀ	Permeability			1.000		.000	5.000		0.90288	0.14381	-	
		f	Slope	0.111	0.143	0.333	1	.000	0.200 (0.254047	0.040464		
			Aspect	1.000	5.000	0.200	5	.000	1.	000	1.37973	0.219762		
											6.278286	1		

