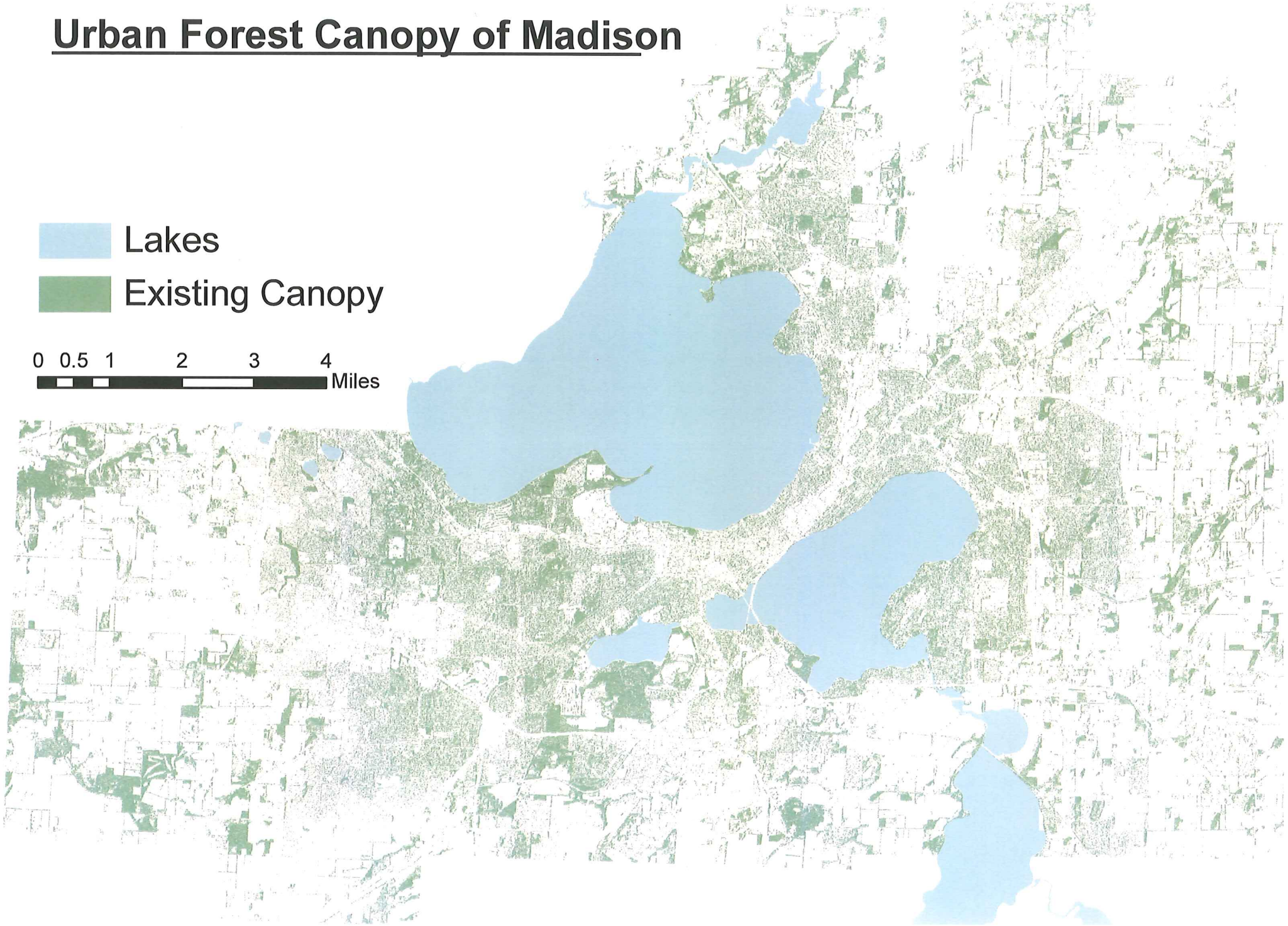
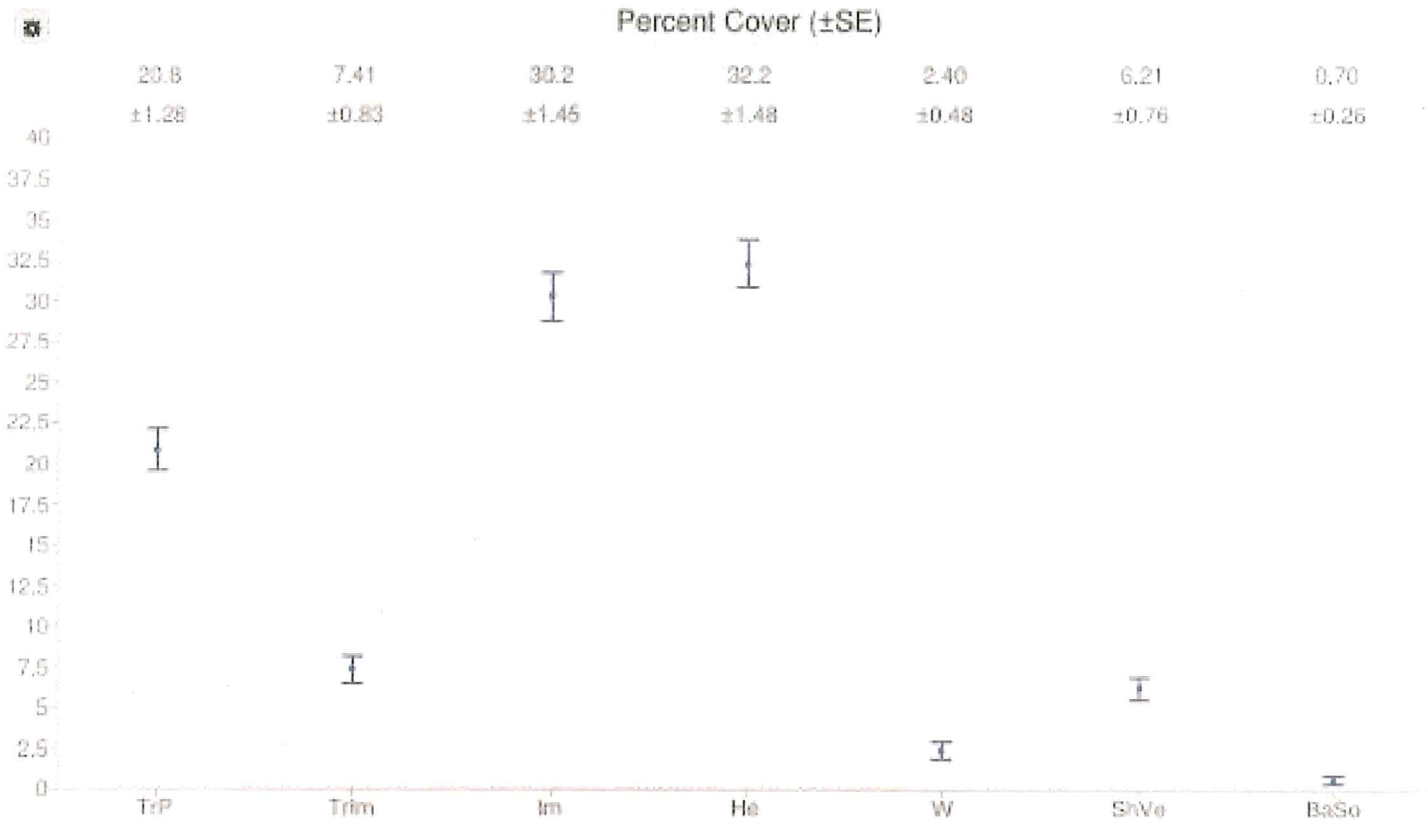
Urban Forest Canopy of Madison



i-Tree Canopy v6.1

Cover Assessment and Tree Benefits Report

Estimated using random sampling statistics on 3/20/17



Cover Class	Description	Abbr.	Points	% Cover
Tree, Permeable	Tree, pervious underneath	TrP	208	20.8 ±1.28
Tree, Impermeable	Tree, impervious underneath	Trlm	74	7.41 ±0.83
Impermeable	Roof, pave, gravel	Im	302	30.2 ±1.45
Herbaceous	Ag.,turf	He	322	32.2 ±1.48
Water	Surface and wetland	W	24	2.40 ±0.48
Short Vegetation	Short woody vegetation	ShVe	62	6.21 ±0.76
Bare Soil	Bare Soil	BaSo	7	0.70 ±0.26

Tree Benefit Estimates

Abbr.	Benefit Description	Value	±SE	Amount	±SE
CO	Carbon Monoxide removed annually	$3,120.90	±157.45	2.35 T	±0.12
NO2	Nitrogen Dioxide removed annually	$18,300.19	±923.23	47.86 T	±2.41
O3	Ozone removed annually	$518,468.19	±26,156.18	245.20 T	±12.37
PM2.5	Particulate Matter less than 2.5 microns removed annually	$1,340,529.72	±67,628.34	16.81 T	±0.85
SO2	Sulfur Dioxide removed annually	$1,011.55	±51.03	7.88 T	±0.40
PM10*	Particulate Matter greater than 2.5 microns and less than 10 microns removed annually	$421,199.74	±21,249.09	67.43 T	±3.40
CO2seq	Carbon Dioxide sequestered annually in trees	$1,839,091.55	±92,779.76	52,164.57 T	±2,631.65
CO2stor	Carbon Dioxide stored in trees (Note: this benefit is not an annual rate)	$62,855,721.50	±3,171,008.23	1,782,969.13 T	±89,943.91