

Preface

1 Overview	2
1.1 Introduction	2
1.2 Components	4
1.3 Workflow	6
1.4 Parameters	8
1.5 Deviations	10
1.6 Report	12
2 Background	15
2.1 Urban Trees and Forests	16
2.2 Health	18
2.3 Significance	20
2.4 Methods	22
2.5 Science	24
2.6 Tools	26
3 Observation Details	29
3.1 Identification	30
3.1.1 Overview	30
3.1.2 Non-Health Data	32
3.2 Measurement	34
3.2.1 Overview	34
3.2.2 Basic and Advanced Modes	36
3.2.3 Parameters	38
3.2.3.1 Ratio	38
3.2.3.2 Opacity	44
3.2.3.3 Vitality	50
3.2.3.4 Growth	56
3.2.3.5 Quality	62
3.2.4 Confounding Factors	68

4	Interpretation Details	73
4.1	Calibration.....	74
4.1.1	Overview.....	74
4.1.2	Transparency.....	76
4.1.3	Normalization.....	78
4.1.4	Deviation.....	80
4.2	Report.....	82
4.2.1	Overview.....	82
4.2.2	Single-Parameter Interpretation.....	84
4.2.2.1	Ratio.....	84
4.2.2.2	Opacity.....	86
4.2.2.3	Vitality.....	88
4.2.2.4	Growth.....	90
4.2.2.5	Quality.....	92
4.2.3	Aggregate Health Score.....	94
4.2.4	Verbal Summary.....	96
5	Metadata	99
5.1	Precision, Accuracy and Resolution.....	100
5.2	Quality Assurance and Quality Control.....	102
6	Closing Thoughts	105
	Appendices	
	References	
	Notes	