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Module 02: Land Use

Urban EcoLab

April 2021

Growing Conditions Handout

Center for Urban Resilience

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Repository Citation

Center for Urban Resilience, "Growing Conditions Handout" (2021). *Module 02: Land Use*. 11. <https://digitalcommons.lmu.edu/urbanecolab-module02/11>

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GROWING CONDITIONS WORKSHEET

Use the below table to guide you as you evaluate the growing conditions of each tree in your study. Be sure to record your final evaluation on your tree data collection sheet.

If the tree:	<u>Then...</u>
Has access to plenty of sunlight (not competing a lot with other trees for sunlight)	add 1 point
Is not obstructed by power lines, other trees, buildings or another structure	add 1 point
Is surrounded by soil that is loose and will allow water to enter (non-compacted soil).	add 1 point
There appears to be enough soil available for the tree root structure to grow (if the tree is lifting up the sidewalk or displacing other objects near it then the tree probably needs more space)	add 1 point
The tree does not have guy wires (wires tied around the trunk to keep the tree from moving) or a tree grate (a metal grate around the base of the tree)	Add 1 point
Tree is near a road or other area that can lead to damage	Subtract 1 point
Tree is either in good or excellent health	Add 1 point
Tree is dead or in fair or poor health	Subtract 1 point
Total Points	

Use the following table to evaluate the growing conditions for your tree

Category	Points
GOOD growing conditions	4 – 6 points
FAIR growing conditions	1-3 point
POOR growing conditions	Less than 1 point

Record your results on your tree data collection sheet.