

ASLA Austin | CodeNEXT

Integrate Nature and City
into
Compact and Connected

Imagine Austin's Promise

Integrate green infrastructure elements such as the urban forest, gardens, green buildings, stormwater treatment, and infiltration facilities and green streets into the urban design of the city through “green” development practices and regulations. LUT P34

Austin's Environmental Legacy



Austin's Environmental Legacy



Compact and Connected: Manhattan

Vision for Integrating Nature into the City



Compact and Connected: Austin

Early Attempts at Integrating Nature into the City



Concerns for Austin's Future: Loss of Tree Canopy

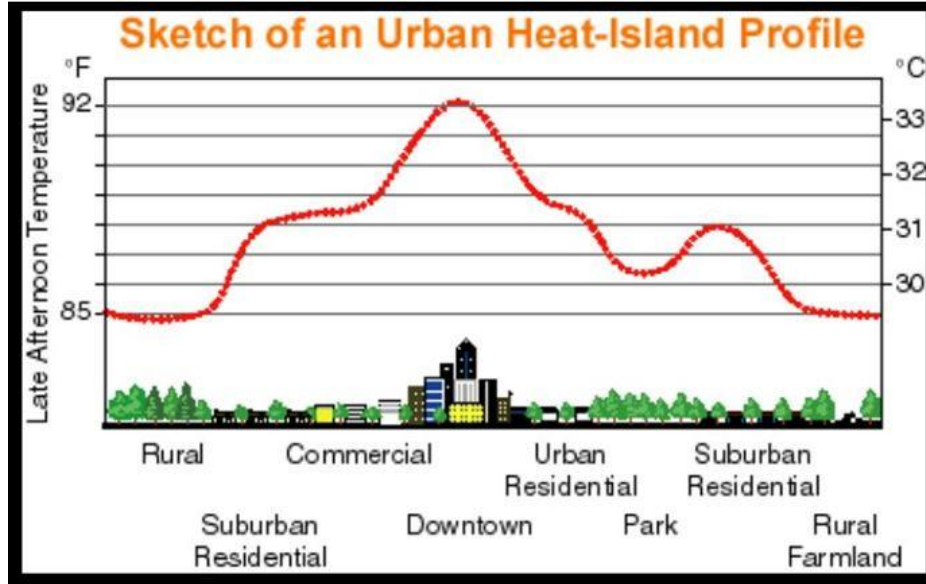
Pre-Development
Subdivision
100 acres



Post-Development
Subdivision
100 acres



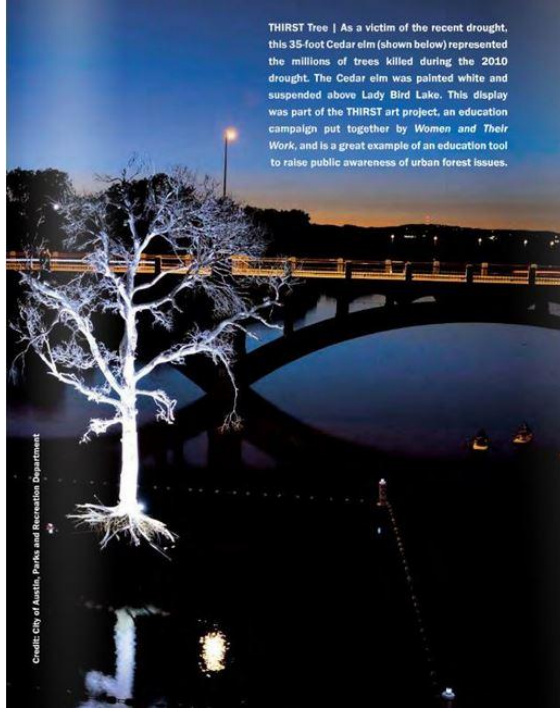
Concerns for Austin's Future: Urban Heat Island



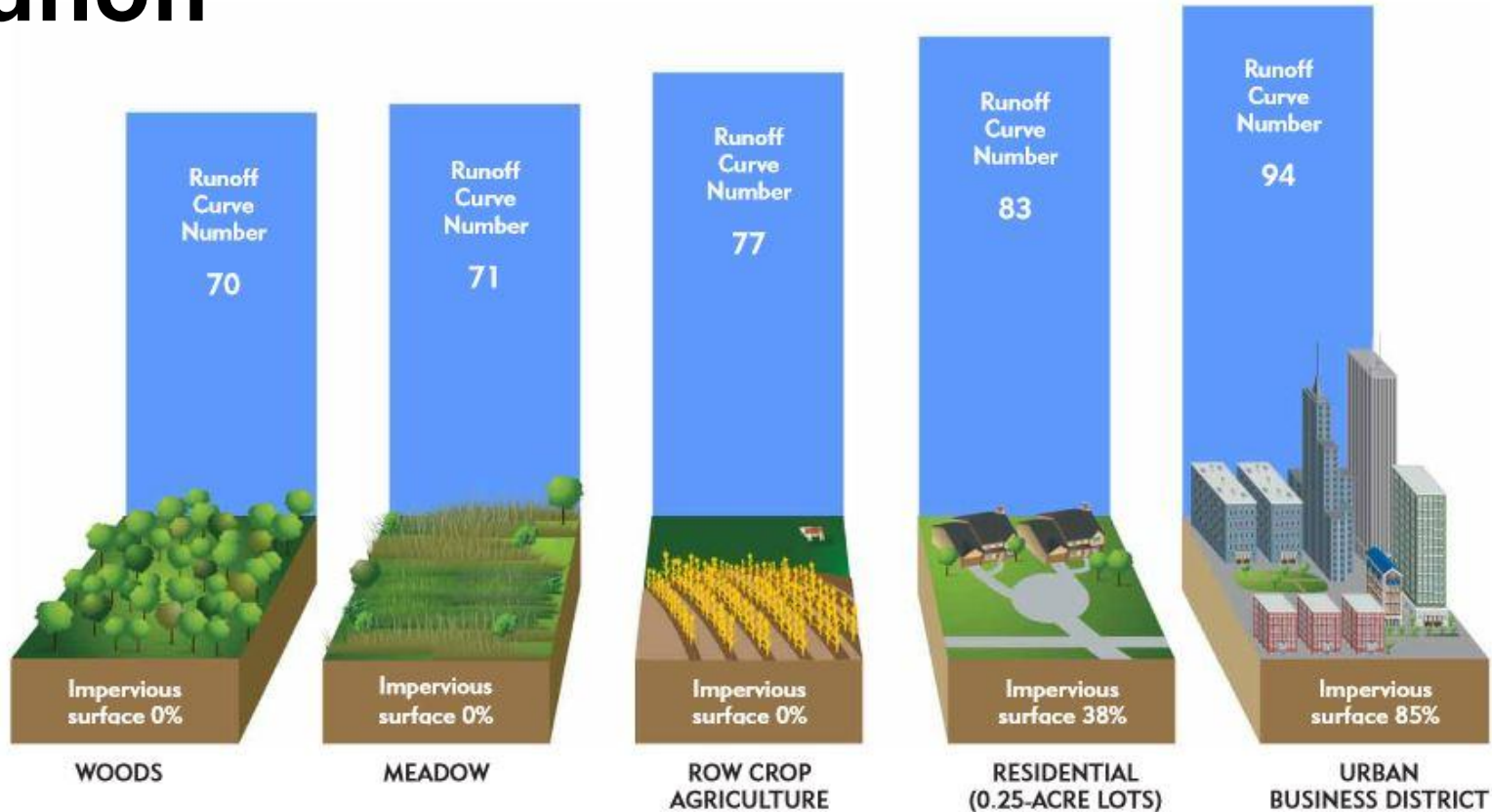
Concerns for Austin's Future: Pollution



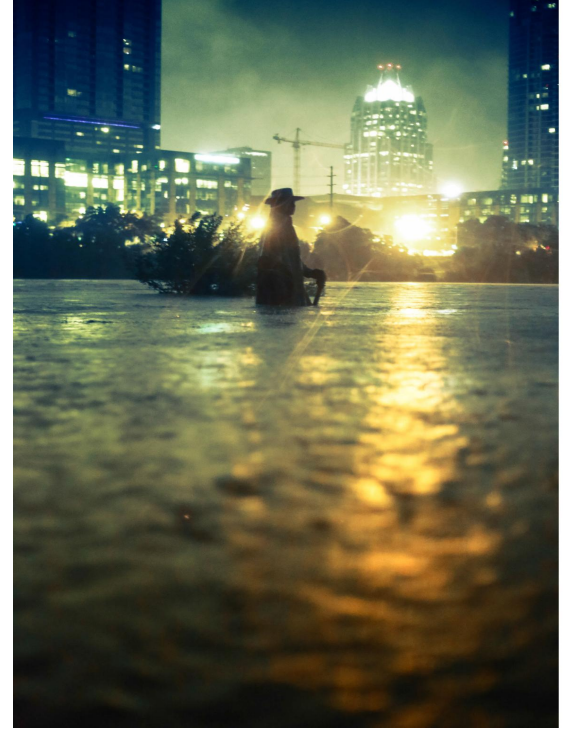
Concerns for Austin's Future: Drought



Concerns for Austin's Future: Urban Runoff



Concerns for Austin's Future: Flooding



Concerns for Austin's Future: Climate Change Projections

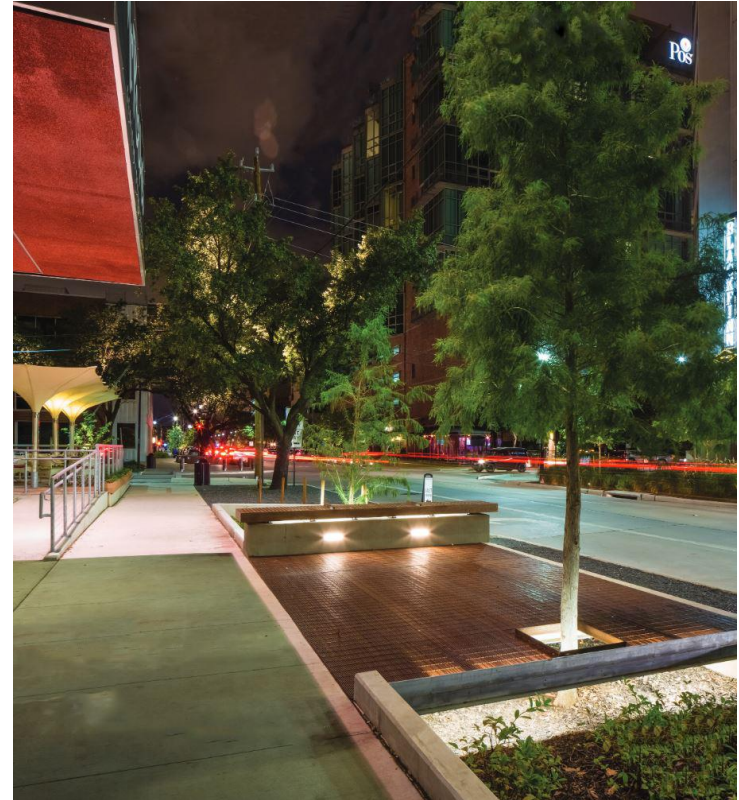
Toward a Climate-Resilient Austin: May 1, 2014) Report to Council

Category	Current	Projected*
Avg. annual temps		+ 9 to 10°
Summer avg. high temp.	94°	98 - 103°
No. summer days over 100°F	13	35 - 80
No. summer days over 110°F	0 (rare)	1 - 20
Annual avg. precipitation	32"	32-33"
No. days/year > 2" rainfall	2	3
Max. 5 day rainfall	6"	8"
Max. consecutive dry days (no precip.)	52	70 - 75

* Projected by end of this century (2071-2100).

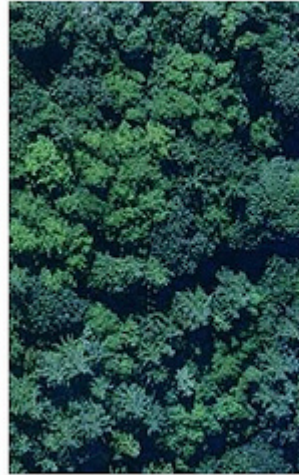
Source: http://www.austintexas.gov/sites/default/files/files/Sustainability/Climate/Toward_a_Climate_Resilient_Austin.pdf

Solutions: Landscape Urbanism



Green Code: Seattle Green Factor

SEATTLE / *green factor*



Pre-Settlement
Conditions



Historical Urban
Development



Urban Greening

Green Code: Seattle Green Factor



Results: Balanced Built Form



Results: Balanced Built Form



Results: Balanced Built Form



Recommendation: Adopt an Ecological Systems Based Approach to CodeNEXT

- Place the same importance on Nature and City as on Compact and Connected as in *Imagine Austin*
- Infuse the new code with sustainable development as in other precedent “Green Codes”
- Drill down into the new code with green elements - from zoning regulations, to environmental criteria, to design guidelines

ASLA Austin CodeNEXT Committee Members

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Margarita Padilla-Posey, ASLA Austin Section Chair

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Link to ASLA's CodeNEXT Issue Paper
<http://www.austintexas.gov/department/viewpoints>
under Submittals, ASLA