

CoDesign Meeting #4 Environmental Resilience

PARKS LOVE

Agenda

- Introductions/ Icebreaker
- Project Update
- Lynnwood Environment
- Discussion Topics

Share a few words to describe a personal or cultural tradition involving plants and/or water.

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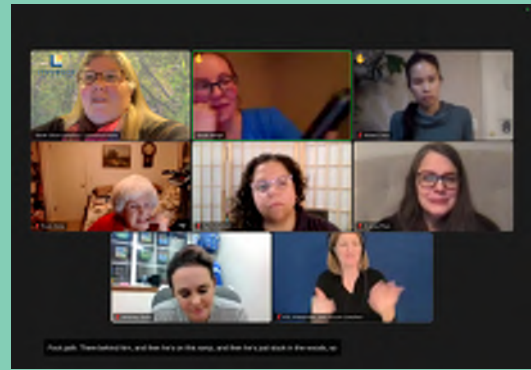
Collecting native pollinator seeds at the end spring/ summer
Skagit Tulip Festival
Going to see the larches
Harvesting nettle to make health tincture in late spring
Taking vegetables from my Garden and sharing with Neighbors
Taking pictures every year at UW during the cherry blossom season in Spring
Making nettle tea to help treat allergies
Gifting plants for holidays
Skipping Stones on Water with Friends

making nettle tea	skipping rocks	playing soccer or showering in the rain	Gardening	sharing vegetables with neighbors	collecting pollinator seeds
special plant propagation	taking pictures every year at uw during cherry blossoms	skagit tulip festival			

Discussion

Project Update

- Accessibility Focus Group
- Project outreach ends 12/31
- Healthy Forest Assessment draft completed



Lynnwood Environmental Context

- Education promotes informed decisions
- Prioritize environmental projects with multiple benefits and highest community value.
- Lynnwood resilience opportunities



Urban Flooding



Healthy Forests



Biodiversity



Water Quality



Heat Island



Climate/Drought Adaptation

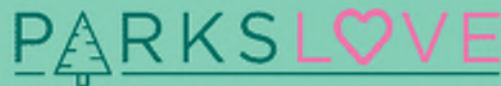
Benefits of Healthy Urban Forests and Wetlands



What Environmental Issues matter most to you?

shade,	drought and hot summers
Consumer waste	Healthy urban forest
Climate change	Shade and heat islands
Deforestation	Ocean acidification, soil health, storm/extreme weather
cleaning stormwater before it hits the sound (raingardens)	low maintenance/irrigation planting (xeriscaping)
climate change	Car Dependence

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The logo for 'PARKS LOVE' features the word 'PARKS' in a teal, sans-serif font. The letter 'A' is replaced by a stylized tree icon. To the right, the word 'LOVE' is written in a pink, sans-serif font, with a heart symbol replacing the letter 'O'. A thin teal horizontal line runs beneath the text.

Discussion

What environmental issue, in Lynnwood, matters most to you?



storm/extreme weather

climate change

drought and hot summers

healthy urban forest

ocean acidification

soil health

shade and heat island

low maintenance/irrigation planting

green storm water infrastructure

deforestation

car dependence-bad for drainage, parking lot heat traps, carbon

xeriscaping-low maintenance plant mix (low water/healthy looking)

fertilizer contamination

green lawns are not biodiverse or help the environment

reach out to tribal communities for plant suggestion/knowledge

urban/neighborhood flooding

heat island

environmental injustice

air quality

noise pollution from airplanes

Topic #1

Water Quality and Urban Flooding



Parks Are Water Filters



Parks Are Sponges

Parks are water filters



Traditional



Green Infrastructure



Natural

Parks are sponges



Traditional

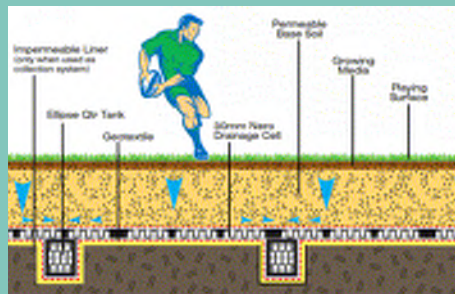


Green/Gray Infrastructure

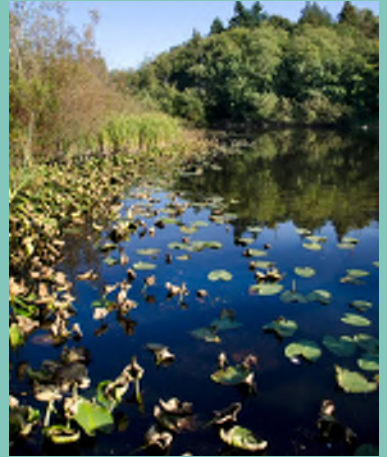


Natural

Green/Gray Infrastructure



Lynnwood Projects



What water ideas are you excited about or would like to know more about?

What water ideas are you concerned about?

Excitement

Contamination
how to better incorporate water filtration and retention in the parks
Lynnwood has a fish hatchery on hall lake. educating public
water quality testing with students
Converting existing stormwater retention areas into usable spaces
Vegetated swales
How well are we conserving Scriber Creek waters year round?
daylighting creeks!
daylighting creeks for fish

Green/Grey Infrastructure in Parks
Reuse of any water captured or incorporated into design elements.
Did the meadowdale playfields have a water conservation system built under them
water run off quality
run-off
water quality
Stormwater retention and filtration
flooding
contamination

rain gardens / xeriscaping / educating public about these things

vegetated swales

contaminant

run-off

water quality

green/grey infrastructure in parks

water reuse incorporated in parks

rain gardens/ drought tolerant planting

daylighting creeks

vegetated swales

is there any coordination with the school district when they propose renovations to schools to make them more stormwater friendly? Those schools in the city's jurisdiction?-- not yet

"de-pave"

Discussion

Concerns

Funding and education to properly maintain projects.
Maintenance costs from projects that require constant support
finding funding to fund projects that fully absorb ALL stormwater in parks
Green or Gray Infrastructure that would remove usable space in Parks
Flooding onto adjacent properties.
Open water facilities and pollution from garbage and also safety.
urban flooding
contaminates in run off

contaminates in run off

urban flooding

contaminates in run-off

GSI that takes up useable space in parks

funding and education to properly maintain projects

flooding onto adjacent properties

maintenance costs

worried about less usable space for recreation

where funding is obtained there may be stipulations and strings attached in how/what is built which may not be the ideal

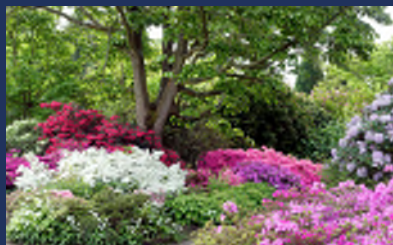
Topic #2

Resilient Landscapes

Biodiverse, Climate Resilient & Drought
Tolerant Plantings

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Resilient Landscapes



Traditional



Hybrid



Natural

Resilient Park Landscapes



What resilient park landscapes are you most excited about?

What resilient park landscapes are you most concerned about?

Excitement

plant them too!

Edible trails and pollinator pathways

Less rhododendrons

native vegetation

Pollinator gardens/ drought tolerant

Edible trails and pollinator pathways

Less rhododendrons

native vegetation

Pollinator gardens/ drought tolerant mixes!

Native plants that support our pollinators is very exciting

less rhododendrons

native vegetation

eco lawns

brings the bees back

natural fields

mobility trails

habitat benefits

insect biodiversity, salamanders, birds, etc.

drought tolerant/ climate resistant trees

native pollinators

dry lawns for praying/ activity

strengthen the relationship between parks and schools

interactive signage

Discussion

Concerns

water absorbing landscapes that prevent picnics

signs encouraging kids to "play" in these untraditional landscapes

lack of education for those who maintain the space

Making sure there is interpretive signage educating public

Lack of education around the spaces about why it looks a certain way or the functions of the spaces

Confusion by residents about how to interact with unfamiliar / non-"traditional" landscapes

Lack of education around the spaces about why it looks a certain way or the functions of the spaces

Confusion by residents about how to interact with unfamiliar / non-"traditional" landscapes

Unauthorized camping or use of these spaces as restrooms (sanitation) from people or pets (when owners don't pick up after them)

not having clear sight lines

putting trash in rain gardens

fire risk?

dog waste

confusion by residents about how to interact with unfamiliar/non "traditional" landscapes

lack of education around the space about why it looks a certain way or the functions of the spaces

making sure there is interpretive signage educating public

water absorbing landscapes that prevent picnics

we need signs encouraging kids to play in these untraditional landscapes

climate change deniers

we need focus groups about what the community doesn't know about non-traditional landscapes

working with schools so kids have education on climate resilient landscapes

glacier peak institution-- similar program for Lynnwood

[Glacier Peak Institute](#)

not enough funding/people/time for this type of education

city hall garden and rec center would be a good place to demonstrate resilient landscapes

cities facilities for education/ demonstration

seasonal allergies

Topic #3

Forests

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Forest Uses



Recreation



Nature

Lynnwood
Parks Forest
Baseline
Assessment



Forest Assessment



1



2



3



4



5



6



7



8



9



Large areas of high-quality forest habitats



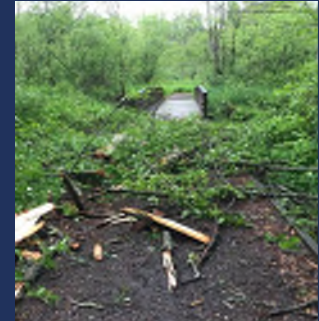
Many areas with large trees are not part of a forest ecosystem due to a lack of native trees, shrubs, and groundcover plants below the tree canopy.



Lynnwood Forest Projects



Lynndale Park



Scriber Lake Park



Lynndale Park Amphitheatre

***What types of forest improvements
are you most excited about?***

***What types of forest improvements
are you most concerned about?***

Excitement

Biodiversity

Improving resiliency of existing high quality forests

Identifying which forest types work best in particular locations.

Adding to the the forest floor with native plants

Improving resiliency of existing high quality forests

Identifying which forest types work best in particular locations.

Adding to the the forest floor with native plants

Increasing biodiversity

Restoration of complete forest complexes

restoring the understory in forests

restoring understory

increased biodiversity

more native plants

improving resiliency of existing high quality forests

interactive in the forest

carbon sequestration

improving access, but limiting areas of impact for forest floor

more open for exploration

supporting healthy understory

forest bath

Discussion

Concerns

An understanding that we need to increase tree diversity and plant tree species that are adapted to drier, warmer climates (transitioning to planting non-native species as a long-term strategy)

how long it will take for the forest perimeter to expand if we let it?

are we open to new thoughts as the climate changes and what plants may be more successful in a more extreme climate

It being never updated or improved upon after this project is over

climate changes and what plants may be more successful in a more extreme climate

It being never updated or improved upon after this project is over

how long it will take for the understory to grow

require frequent maintenance

long term maintenance of the forest

balance of off trail forest play

how long it will take for the understory to grow

extreme climate plants that would be more successful

how long it will take the forest perimeter to expand if we let it

what is the balance between native and future-"native" climate adapted plants

>>assisted migration

the big thing for us now is to be creative and open and think critically about what we will do

pest management and awareness

Ah ha! Take Aways

lots of work to do in the park system if we can afford it

education is critical for the community to get by in and to be comfortable with these changes

diversity and inclusion

shared perspectives on how different cultures are using parks

How to bring tribal knowledge together for land stewardship

educate the community for grants

nature is beautiful and creates peace and calm-- being intentional to be the best stewards for healthy community not just aesthetics

allergy remedies

partnership with snohomish tribe at Gold park- ethnobotanic trail



Closing & Next Steps

- Stipend Payments
- Have Your Say online
 - a. www.LynnwoodWA.gov/ParksLove
- Next CoDesign Meeting In Early February

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