Willamette Valley Regenerative Landscape Coalition

Benton County, Oregon

Teresa Matteson



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Feats

Date	Activity
Jun 2017	First meeting / monthly
Oct 2017	Gmail address
Apr 2018	Logo
Jan 2019	Webpage / blog posts
Jun 2019	C-Questers
4 presentations / 2 webinars!!	





Parking Lot Planting









Join the C-Quester campaign!!!

C-Questers are gardeners who create intentional, regenerative landscapes that can transfer tons of carbon from the atmosphere to the soil.

A regenerative landscape has dense plant cover and uses soilfriendly maintenance practices that follow these guidelines:

- Minimize soil disturbance.
- Grow living roots year-round.
- Keep soil covered, preferably with plants.
- Increase plant diversity.

Learn more about **C-Questers** at

bit.ly/C-Quester





Regenerating Urban Soil Through Plant Density

(Regenerative Landscaping)





All photos courtesy of Gaia Landscapes, Inc., and Willamette Valley Regenerative Landscaping Coalition, or public domain

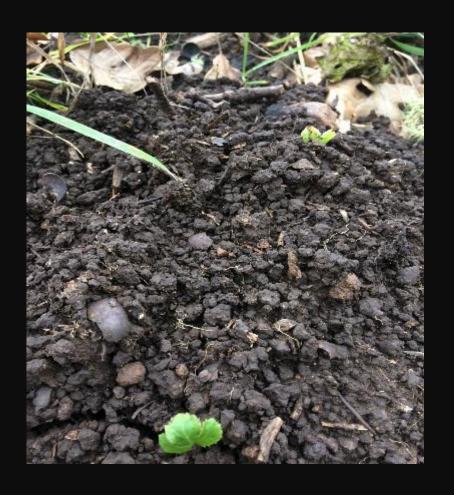
Densely Planted Landscapes



- Improve soil
- Enhance the ecosystem
- Potentially less maintenance
- Potentially less cost to install

Where does Organic Matter come from?

Photosynthesis!



Sparse vs. Dense Planting



Plants are the key to ecosystem health

Plants do these things: (and more)

- Photosynthesize
- Feed pollinators
- Help with pollution
- Microclimate regulation
- Water regulation
- Protect and improve soil
- Improve health



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green

sustainable

regenerative

WVRLC Guidelines

- Minimize soil disturbance (Physical and Chemical)
- Living roots year-round
- Keep soil covered (with plants)
- Increase plant biodiversity

Where is carbon?

Soil

Atmosphere

Biomass



840+

~2500

INCREASE ORGANIC MATTER 1%=

+ 10 TONS CARBON PER ACRE
(IN THE TOP 12" OF RELATIVELY HEAVY SOIL)

= ~ 35 Tons CO₂ From Atmosphere

Smothers weeds

Less Mulch

Hides weeds and debris

Less fertilizer



Use plants as landscape solutions:

- Screening
- Shade / Microclimate Regulation
- Deal with erosion / Drainage Issues
- Noise buffering
- Windbreak





Plant More Plants!!!

Willamette
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