

Jenna Kay

From: Nina T <magnoliagarnet@gmail.com>
Sent: Saturday, July 6, 2024 12:47 PM
To: Jenna Kay
Subject: Re: More ideas....Materials from 6/22 Climate Project Workshop - Resilience

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Hi Jenna,

Here are some more ideas which I forgot to mention during the workshop.

As Clark county has agricultural land, these would reduce greenhouse gas emissions, and improve resilience to climate change impacts.

1)Agrivoltaics :

[Growing Plants, Power, and Partnerships Through Agrivoltaics](#) and [Beneath Solar Panels, the Seeds of Opportunity Sprout](#) are good overviews from [NREL](#) (the National Renewable Energy Laboratory).

Video resources:

(01:46) [NREL's Agrivoltaics Research: Combining Solar Energy With Agriculture](#)

(04:21) [1.4 MW Agrivoltaics \(AgriPV\) installation in India](#)

(14:28) [Agrivoltaics. An economic lifeline for American farmers?](#)

I am available for questions.

2) Perennial crops

<https://landinstitute.org/our-work/perennial-crops/kernza>

This is an American organization. Kernza is a cultivar of intermediate wheatgrass.

*Perennial crops are likely to raise the amount of carbon in the soil.

Reference : Alicia Ledo et al., 2020. "Changes in soil organic carbon under perennial crops" Global change biology, vol 26:7, pp 4158 - 68. <https://doi.org/10.1111/gcb.15120>

*There is considerably less plowing, thereby reducing emissions.

*These crops should, in principle, need less fertilizer.

*One estimate suggests that perennial systems hold five times as much water that falls on the ground as annual crops do.

A project in conjunction with WSU Clark County Extension could be considered.

Please let me know if you have any feedback or questions.

Thank you so much

Nina Thrun

817 455 3000

On Tue, Jul 2, 2024 at 6:28 PM Jenna Kay <Jenna.Kay@clark.wa.gov> wrote:

Greetings,

We are writing to follow-up from the Saturday, June 22 Clark County Climate Project Community Workshop: Resilience at Sarah J Anderson Elementary School.

You are receiving this email because you registered to attend the event.

We are writing to let you know that copies of the presentations are now available on the county website: <https://clark.wa.gov/community-planning/2025-update-meeting-and-event-information>

Once we finish typing up all of your feedback over the next few weeks, we'll post that report to the same location.

Please let us know if you have any questions!

Thank you,

Jenna



Jenna Kay she/her/hers
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