

Resources for Ag Producers in the NSA

Climate Change Resilience

Compiled by producers and partners - November 2021

The following is a list of resources for agricultural producers and others working toward ecological, social, and economic resilience in the Columbia River Gorge. We focus on addressing the impacts of climate change, including drought, heat, reduced soil moisture and available water, and crop success, and hope these resources are broadly useful to all who wish to implement sustainable practices on working lands.

Tools

- Comet - <http://comet-planner.com/> to calculate carbon benefits from NRCS Conservation Practices
- Oregon Climate Action Network Toolbox for Farmers and Ranchers - <https://drive.google.com/file/d/17SjWcwZQCw32yYf1nMW-xbsQqguRYpn3/view>
- Stream health improvements - <https://emswcd.org/on-your-land/streamcare/>
- Land conservation - <https://emswcd.org/land-conservation/protecting-farmland/program-benefits/>
- Cultivating Climate Resilience on Farms and Ranches - <https://www.sare.org/resources/cultivating-climate-resilience-on-farms-and-ranches/>

Publications and reports:

- [USFS Climate Change Vulnerability Assessment for the CRGNSA, Mt Hood, and Willamette National Forests](#) (our vulnerability assessment is largely based on findings in this report)
- [Yorgey et al. \(in press\) Carbon sequestration potential on cropland soils in the PacNW](#)
- [Graves et al. 2020](#) Potential GHG reductions from Natural Climate Solutions in Oregon
- [Robertson et al. 2021 Leveraging the potential of nature to meet net zero emissions in Washington state.](#)
- Article on orchard economics in Hood River county in 2021: <https://appliedecon.oregonstate.edu/sites/agscid7/files/oaeb/pdf/aeb0066.pdf>
- Oregon Global Warming Commission recommendations for working lands <https://static1.squarespace.com/static/59c554e0f09ca40655ea6eb0/t/6148a9d36431174181e05c7c/1632152029009/2021+OGWC+Natural+and+Working+Lands+Proposal.pdf>
- Changes in Farmland Ownership in OR - https://pdxscholar.library.pdx.edu/cgi/viewcontent.cgi?article=1236&context=usp_fac

- Death by 1,000 Cuts plan to protect OR farmland - [https://friends.org/sites/default/files/2020-06/Death%20By%201000%20Cuts 2020.pdf](https://friends.org/sites/default/files/2020-06/Death%20By%201000%20Cuts%202020.pdf)
- Article from southern OR on dealing with drought: <https://thecounter.org/federal-drought-relief-southern-oregon-groundwater-crisis-farmers-klamath-project/>

Partners and Funding Opportunities:

- [Gorge Grown Food Network](#) works in 5 Gorge counties to build vibrant local food systems, supporting farmers markets, farm innovations, networking, school gardens, and much more.
- [East Cascades Oak Partnership](#) works to improve outcomes for people, oaks, and wildlife in Oregon white oak habitats.
- New ATEA Program at Columbia Gorge Community College - The Ag Tech Education Alliance seeks to foster a sustainable future for the next generation in the Columbia River Gorge and beyond through a focus on agriculture. ATEA will contribute to a thriving community that works together to build climate resiliency and the maintain economic competitiveness in our community. By focusing on solving challenges in agriculture, near and long term, ATEA will strengthen the fabric of our community; Creating a bridge to agriculture and an understanding of our food supply chain. Contact Yesenia Sanchez yesenia.sanchez.su@gmail.com or Dan Spatz dspatz@cgcc.edu to learn more.

Oregon Soil and Water Conservation Districts (technical and financial assistance)

East Multnomah Soil and Water Conservation District

5211 N Williams Ave. Portland, OR 97217 Phone: 503-222-SOIL (7645)

Website: www.emswcd.org | Email: andrew@emswcd.org

Hood River Soil and Water Conservation District

3007 Experiment Station Drive Hood River, OR 97031 Phone: 541 386-4588 (call first)

Website: www.hoodriverswcd.org | Email: info@hoodriverswcd.org

Wasco County Soil and Water Conservation District

2325 River Road, Suite 3 The Dalles, OR 97058 Phone: 541 296-6178 Ext. 3

Website: www.wascoswcd.org | Email: wasco.swcd@oacd.org

Sherman County Soil and Water Conservation District

302 Scott Avenue | P.O. Box 405, Moro, Oregon 97039-0405 <http://sherman.oacd.org/>

Phone: (541) 565-3551

Washington Conservation Districts (technical and financial assistance)

Clark County Conservation District

(360) 859-4780 | 813 West Main Street, Suite 106 Battle Ground, WA 98604

staff@clarkcd.org

Underwood Conservation District

Office: 170 NW Lincoln, White Salmon, WA 98672

Phone: (509) 493-1936 | Email: info@ucdwa.org

Central Klickitat Conservation District – currently administering [EPA funds from Dept of Ecology](#)

1107 S Columbus Ave, Goldendale, Washington 98620 Phone: (509) 773-5823 EXT 5 |
Monday - Friday 8:00 - 4:00 | cdoffice@ckcd.org

NRCS Goldendale Service Center 1107 South Columbus Avenue, Goldendale, WA 98620-9268 Phone: (509) 773-5822 **NRCS Hood River County Field Office**
6780 Hwy 35, Parkdale, OR 97041
Carly Heron - carly.heron@usda.gov; Phone: 541-352-1037

NRCS The Dalles Service Center
2325 River Road, #3, The Dalles, Oregon 97058
Emily Huth - emily.huth@usda.gov; Phone: (541) 298-8559

Washington Department of Ecology
Central Regional Office
1250 West Alder Street, Union Gap, WA 98903
Main Office: (509) 575-2490 | Cole Provence, Water Quality – (509) 454-4174

Oregon State University Extension - <https://extension.oregonstate.edu/find-us>
Hood River County

2990 Experiment Station Drive, Hood River, OR 97031
541-386-3343

Hood River County - Mid-Columbia Agricultural Research and Extension Center
3005 Experiment Station Dr, Hood River, OR 97031
541-386-2030

Wasco County
400 E Scenic Dr Suite 2.278, (Building 2, Level 2), The Dalles, OR 97058
Office: 541-296-5494

Washington State University Extension - <https://extension.wsu.edu/locations/>
Clark County Extension

1919 NE 78th St, Vancouver, WA 98665 (564) 397-5733

Klickitat County
228 W. Main, MS-CH 12, Goldendale, WA 98620 509-773-5817

Skamania County Extension
710 SW Rock Creek Drive (P.O. Box 369 -mailing), Stevenson, WA 98648 509-427-3932