

CONSERVATION QUARTERLY

WINTER 2022

This institution is an equal opportunity provider.

2022 BOARD ELECTION

JOIN OUR BOARD OF SUPERVISORS!

Cascadia Conservation District is self-governed by a Board of Supervisors who work to establish priorities, set policy and direct the work of Cascadia staff. Registered voters residing in Chelan County who are interested in guiding local conservation efforts are encouraged to run for office.

Board members are unpaid volunteers who serve a three-year term and must be available to attend monthly meetings. Candidates must be registered voters residing in the conservation district, and may be required to own land or operate a farm.

Benefits of being a Cascadia Board Member:

- Serving your community by guiding programs to protect and enhance its natural resource priorities for present and future generations.
- Satisfaction in seeing conservation practices applied locally.
- Interaction with others who are passionate about natural resource conservation.
- Ability to provide input to local, State, and Federal conservation programs.
- Learning opportunities through the Washington Conservation Commission and the Washington Association of District Employees.

Apply to be a candidate by **February 18, 2022 at 5:00 pm.** Details and forms at cascadiacd.org or call (509) 436-1601.

One additional opportunity will be available this year. The Washington Conservation Commission will appoint a Supervisor to serve on the Cascadia Board in May. Although the duties are the same, this is a different position and the process is separate from the election conducted locally. Applications for the Appointed Supervisor position will be accepted online until March 31, 2022. Details available at cascadiacd.org.

REMEMBER TO VOTE!

A poll-site election for a seat on the Cascadia Conservation District Board of Supervisors will be held on **March 23, 2022 at the Pybus Public Market, 7 N Worthen St, Wenatchee.** Polls will open at **12:00 pm** and close at **6:00 pm.** Registered voters who reside within Chelan County are eligible to vote.

Mail-in ballots are available by contacting valerieh@cascadiacd.org. Deadline to request mail-in ballot is February 18, 2022 @ 5:00 p.m.

If you have questions, please contact the District office at 509-436-1601. Cascadia also encourages community members to attend our monthly meetings, and consider becoming an associate supervisor to offer additional local expertise and perspective on community natural resource concerns. These positions are also voluntary, with no specific term and are established by appointment of the Board. Your input is welcome!

En Español:

Elección de la Junta de supervisores del 2022. Solicite ser candidato antes del 18 de febrero del 2022 a las 5:00 pm. Detalles y formularios en cascadiacd.org o llame al (509) 436-1601. Se llevará a cabo una elección en el sitio de votación el Mercado Público de Pybus, el 23 de marzo de 2022 a las 12:00 p.m. y se cerrará a las 6:00 p.m. Los boletos electorales por correo solo están disponibles a pedido.

Cascadia anima a los miembros de la comunidad a asistir a nuestras reuniones mensuales y considerar convertirse en un supervisor asociado para ofrecer experiencia local adicional y perspectiva sobre las preocupaciones de los recursos naturales de la comunidad. Su posición sería voluntaria, sin plazo específico y se establecen mediante del Consejo. ¡Sus comentarios son bienvenidos! Para obtener información adicional, llame al (509) 436-1601.

WELCOME ABOARD JOE



Forest & Community Resilience Specialist, Joe Hill, comes to Cascadia with 12 years of wildland firefighting & forest management experience, with work spanning forest resiliency, fire suppression, and prevention. Joe's work has taken him across the country, from being a Hotshot crew member in Idaho, to being part of a Wildland Fire Module in Colorado, to helping run a prescribed fire engine in South Carolina, to collecting forest

inventory data for an environmental consulting firm in Oregon.

Most recently, Joe served as a Fire Engine Operator on the Wenatchee River Ranger District and has been based in the Leavenworth area since 2017. Joe holds a degree in Forest Management from Oregon State University, with a focus in Wildland Fire Management. As an avid outdoor enthusiast, Joe enjoys skiing, rock climbing, trail running, and road biking, and is excited to spend more time developing a fire resilient property outside Leavenworth and building a home from the ground up with his partner.

LOCAL
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AT A GLANCE

PROGRAM HIGHLIGHTS FROM 2021

63 acres of thinning for forest health improvement with our cost-share program.

Performed post-fire reconnaissance on over **18,000** acres and conducted **28** Technical Assistance Site Visits with landowners working to recover their land from wildfires.

Assisted four farmers in becoming Salmon-Safe certified, in their production of over **150** acres of apples, cherries, blueberries, raspberries, vegetables, flowers and herbs.

3 soil tests were performed, which all resulted in Water Quality plans.

Roving Chipper programs treated **85** forested acres on **154** private properties throughout Chelan County.

Answered over **100** technical assistance requests.

Upgraded their irrigation systems (timers, moisture probes, efficient sprinkler heads) on over **16** acres of orchards, improving fruit quality & saving **640,000** gallons of water.

Partnered with over **70** federal, state, tribal, & local agencies and organizations.

Reached **1,375** students through in-person &/or virtual Wheat Week, Kids in the Creek, Kids in the Forest, Salmon Festival, Summer Camps, and After School Programs.

Depending on the program, some of these students spent a full day outdoors and others spent multiple days outdoors with us throughout the school year.

Planted **1,000** native plants and shrubs during a volunteer event and educated **100** community members per week during our virtual Native Planting 101 workshop series.

MAKE YOUR NEW YEAR'S RESOLUTION A REALITY: CASCADIA HELPS IRRIGATED FARMS SEEKING NEW EQUIPMENT

Agricultural producers in Chelan County can take advantage of Cascadia's free technical assistance to help upgrade their existing irrigation equipment.

These upgrades can be a daunting and expensive task for some, but you don't have to go at it alone. Our dedicated staff can start the process by developing a water management plan for your farm to address your short- and long-term goals. Then, our team provides options for best management practices that are voluntary to adopt. For example, a more efficient sprinkler system may increase production while improving the quality of your crops. Using your plan as a guide, we can identify potential cost-share opportunities to support the installation of your prioritized best management practices, such as through Cascadia or USDA's Natural Resources Conservation Service (NRCS).

Food production and stream ecosystems are interconnected. Our semi-arid climate provides ideal conditions for the bountiful production of apples, cherries, pears, wine grapes, and market crops. The Wenatchee River is one example of an available water source to produce these delicious crops. This winding river also provides important habitat for threatened and endangered native fish including spring Chinook, steelhead, and bull trout. Adopting water conservation practices on the farm helps to ensure crops are not over- or underwatered thereby improving crop quality and production. Using best management practices secures a reliable water source for future farmers, increases instream flows for sensitive salmonids, and provides good water quality to benefit both people and fish.

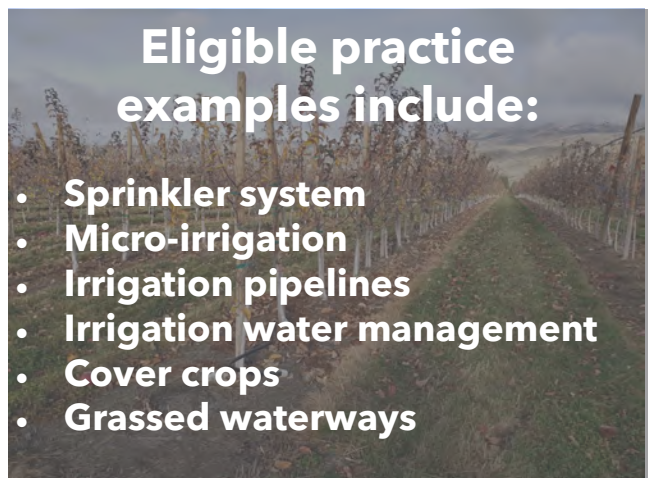
An in-person site visit is recommended to get started. Cascadia staff provide free on-farm visits throughout the year. If you are interested in learning more, contact Elizabeth Jackson at (509) 436-1601 or elizabethj@cascadiacd.org.



Micro-irrigation example

Eligible practice examples include:

- Sprinkler system
- Micro-irrigation
- Irrigation pipelines
- Irrigation water management
- Cover crops
- Grassed waterways



ATTENTION AGRICULTURAL PRODUCERS:

You deserve recognition for protecting our soils and water! The Salmon-Safe certification program is that recognition.

Since 1997, the Salmon-Safe ecolabel has become well known on the market, allowing your environmental stewardship efforts to be easily visible to customers, restaurants, and grocery stores. Certification can deliver increased sales, marketing assistance, and efficiency benefits for your farm.

Cascadia provides free assistance to farmers in Chelan County to become certified, offering a 3-year certification cycle for eligible farmers. Certified products can range from eggs to apples to hard cider.

By becoming Salmon-Safe certified in 2022 you can show your customers how your farming practices protect our local drinking water, restore streamside habitat, and provide clean surface water for recreation and threatened native fish.

Learn more about the benefits and process of becoming Salmon-Safe at salmonsafe.org or contact Elizabeth Jackson at elizabethj@cascadiacd.org or by calling (509) 436-1601.



If you are a consumer seeking Salmon-Safe products (wine, food, cider etc.), visit <https://salmonsafe.org/>

WORKING TO RESTORE YOUR WATERSHED?
Salmon-Safe certification now available through Cascadia Conservation District

HAS YOUR PROPERTY BEEN AFFECTED BY RECENT WILDFIRES?

Cascadia has staff trained in post-fire recovery who can do a free assessment of your property and provide recommendations regarding erosion control, seeding, flooding, noxious weeds and more. Our staff can also help you connect with financial assistance programs that may be available to farmers and landowners post-fire.

Contact us at (509) 436-1601 or patrickh@cascadiacd.org.

¿SU PROPIEDAD HA SIDO AFECTADA POR INCENDIOS FORESTALES RECIENTES?

Contáctenos al (509) 436-1601 o patrickh@cascadiacd.org.

FREE Chipping Programs

Look for details at www.cascadiacd.org and on Facebook or contact Amanda Newell at amandan@cascadiacd.org.

Reduce your risk of wildfire damage:

- Clear leaves and other debris from gutters, eaves, porches and decks.
- Remove vegetation and other items from within 10 feet of the house.
- Prune trees so the lowest branches are 6 to 10 feet from the ground.
- Learn more at www.firewise.org.

En Español: Programas de astillado GRATIS Busque detalles en www.cascadiacd.org y en Facebook o comuníquese con Amanda Newell en amandan@cascadiacd.org. Consejos para ayudar a reducir su riesgo de daños por incendios forestales aquí: www.firewise.org.

COMMUNITY DISCUSSIONS
SALMON RECOVERY SERIES
NW Stewardship in Action

7:00 PM

- FEB 3RD** History of Salmon Decline in the Columbia River
- MAR 3RD** Salmon Grow on Trees: The Role of Forest Management in the Lifecycle of the Salmon
- APR 7TH** Beaver Powered Restoration

ONLINE: VIA ZOOM
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NATIVE PLANTING 101 WORKSHOP SERIES COMING

Please join us Mondays in March at 7:00 p.m. via Zoom to learn from our experts!

RSVP & details available at cascadiacd.org, Cascadia's Facebook page, or contact kirkb@cascadiacd.org.

KIDS CORNER: HOW MUCH WATER IS IN THE SNOW?

Snow is the main source of water in our watershed, but how much water is in the snow? Now is a great time to go find out.

You will need: snow, a straight sided container, (like a canning jar), a ruler and warm air.

Why does it matter? Snow water equivalent measures how much water is in the snow. This can tell scientists how much water will fill our rivers and how much is available for plants, animals, and people.

How to do it: Use the jar to scoop up the top layer of snow. Try to retain the true density of this snow (that means don't pack it in). Use your ruler to measure the depth of the snow in the jar.

Make a hypothesis: How much liquid water will there be once the snow melts? Write down your hypothesis.

Run the experiment: Take the container inside and set it on the counter until it melts. Measure the depth of the water.

Results: How close was your hypothesis? Is snow mostly water or mostly air?

Re-Experiment: Try snow that has just fallen. Dig down to the ground and try the experiment with snow from different layers in the snow pack. Try ice.

Final Discussion: Was there a difference between the experiments? Why is snow so important for our watershed?

Record your measurements here and see others' results:
<https://tinyurl.com/8u59urk6>



CASCADIA
CONSERVATION DISTRICT

14 N Mission St Wenatchee, WA 98801
(509) 436 -1601 • www.cascadiacd.org

Staff Members

Mark Amara, *Archaeologist*
Kirk Beckendorf, *Environmental Educator*
Kathleen Deason, *Administrative Assistant*
Patrick Haggerty, *Forestry Program Manager*
Valerie Hampton, *Financial Coordinator*
Joe Hill, *Forest & Community Resilience*
Mark Ingman, *Resource Specialist II*
Elizabeth Jackson, *Resource Specialist II*
Kim Lancaster, *Archaeologist*
Amanda Newell, *Education & Outreach*
Nada Wentz, *Office Assistant*
Ryan Williams, *Executive Director*

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Dillon Miller, *Vice Chair*
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Josh Koempel, *Associate*

The Conservation Quarterly is published on a quarterly basis by Cascadia Conservation District and reaches all 37,800 households in Chelan County.

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Please Remember to Recycle



UPCOMING MEETINGS & EVENTS

Cascadia Conservation District Board Meetings

Feb 18, Mar 18, Apr 15. Watch our website or call (509) 436-1601 for updates. Call-in or video conference options are available.

***Strategic planning in progress. Watch our website for updates & opportunities to participate.**

Cascadia CD Board Election

Mar 23 12:00 pm - 6:00 pm at the Pybus Public Market
Mail-in ballots by request to valerieh@cascadiacd.org or by calling (509) 436-1601. Deadline to request is Feb 18, 2022 @ 5:00 p.m.

Entiat Watershed Planning Unit Meeting

Mar 2 @ 4:30-6:00 pm. Call our office for details.

Chelan-Douglas Land Trust Volunteer Work

Spring 2022, various times and locations

Join CDLT for various projects, including trail maintenance and native habitat restoration.

Events will be posted by mid-March on our website:
<https://www.cdlandtrust.org/outings-events>

Chelan Fire District 3 (Leavenworth) Chipping

For info contact Jessica Campbell at jessica@chelanfd3.org

Chelan PUD: The Power Hour

Season Two: Monthly at noon

Live Q&A with energy efficiency experts to answer your questions about surviving winter, energy efficiency, rebates, lowering your energy bills, and more! Livestreaming on Facebook and YouTube:
youtube.com/chelanpud/live

Schedule and Season One archive visit chelanpud.org/powerhour

Chumstick Wildfire Stewardship Coalition

"Water Not Words" - Chumstick Drainage Remote Water Tank Fundraising Campaign

More info at: <https://www.chumstickcoalition.org/news-events/>
Barbara Carrillo: (509) 860-0252, info@chumstickcoalition.org

Earth Day Fairs

- Chelan: Saturday, April 16: Info at www.chelaneearthdayfair.org
- Wenatchee: Saturday, April 23: Info at www.sustainablewenatchee.org/earth-day-fair

Greater Wenatchee Arbor Day Celebration

April 23 @ Martin's Market in Cashmere 9:00 am – 12:00 pm & East Wenatchee City Hall 9:00 am - 2:00 pm

Distribution will be drive by. Bring a bag to put trees and shrubs in. \$3 donation per plant.

For more information: Bonnieevelyn@nwi.net

Wenatchee Valley Native Plant Society

- **Who was Antoine Etienne?** February 2 at 7:00 pm. In this presentation we will explore a fascinating local pioneer and their namesake creek. Come learn about the area's mining history and flora. Details at: <https://www.wnps.org/wv-events/calendar/1467>
- **White pine blister rust and whitebark pine in Washington.** February 17 at 7:00 pm. Details at: <https://www.wnps.org/wv-events/calendar/1461>

Wenatchee River Institute

- **Snowshoe Strolls:** Thursdays - Saturdays in February
 - **Clay Modeling Class:** Saturday, Feb 12th & 19th, 1pm-3pm
 - **An Introduction to Lichens:** Wednesday, Feb 23rd, 6:30-8pm
 - **Fun with Twigs:** Feb 26th & Mar 2nd, 10am-12pm
 - **Cascades Track and Sign Evaluation with David Moskowicz:** Saturday, April 16th and Sunday, April 17th, 9am-4pm
 - **Intro to Wildlife Tracking:** Mar 26th and Mar 27th, 9am-4pm
 - **Mid-Winter Break Camp (K-3):** Feb 22-25, 10:00am-3:00pm
 - **Spring Break Camp (K-3):** Apr 4-7, 10:00am-3:00pm
- More info and registration for all events at:**
WenatcheeRiverInstitute.org or rbishop@wenatcheeriverinstitute.org