

March 3 & 4,
2023

San Juan Islands
11th Annual

AGRICULTURAL SUMMIT



THE CHANGING TIDES OF ISLAND AGRICULTURE



Summit Info:

www.extension.wsu.edu/sanjuan

2023 SUMMIT OVERVIEW

THURSDAY, MARCH 2

5 - 7 PM | SUMMIT NETWORKING

Join for a no-host networking event with island community and Summit participants at Everelse Wine Bar, 275 A St, Friday Harbor, WA 98250.

FRIDAY, MARCH 3

8 AM - 4 PM | IN-PERSON WORKSHOPS & SUMMIT HUB

Stop by Brickworks at your convenience throughout the day to find resources, enjoy a cup of coffee, and see friends. Bring your own lunch. Morning Workshops 9-11:30am; Afternoon Workshops 1:30-4PM.

4:30 - 5:45 PM | FARMER ROUNDTABLE

San Juan Island Grange 152 First St N

6:00 - 9:00 PM | HOEDOWN!

Kick up your heels with music by River Rye Bluegrass & Friends, catering by Market Chef and a no-host bar with island-brewed beer.

SATURDAY, MARCH 4

SHUTTLE | TO & FROM CONFERENCE

Two morning trips from near ferry landing to UW Friday Harbor Labs between 7:50-8:30AM, return trips between 4:35-5:20PM. Shuttle van parked near ferry landing and signs will be at UW FHL.

7 AM - 4:30 PM | SUMMIT CONFERENCE DAY

Everyone gathers at the beautiful UW Friday Harbor Labs. Breakfast and keynote by Katie Pencke of Alluvial Farms; breakout sessions of your choosing oriented around four tracks: plants, animals, water & people. Come back together for lunch, camaraderie, and announcements and then continue with two more breakout sessions.

5 - 7 PM | SUMMIT FINAL GATHERING

Gather one last time with new and old pals at SJI Brewing Co. before heading home. 410 A St, Friday Harbor, WA 98250. No-host.



LAND ACKNOWLEDGMENT

Let us take a moment to recognize and honor all peoples who have ancestral ties to these lands and waters and who have contributed their labor, experience, and knowledge to nourishing communities since time immemorial. Through the Summit we are continuing to educate ourselves and our community about the historic and current ties of Indigenous communities to stewardship of the San Juan Islands and the surrounding waters.

Throughout the Summit, and in our work and efforts throughout the year, we commit to:

- *Fostering relationships and respect.*
- *Respecting Coast Salish identity, culture, connection to these land and waters, and Usual & Accustomed treaty rights.*
- *Recognition of trauma and what removal from land truly means.*
- *Deepening our understanding of our actions and their impacts, including the real impact of agriculture on Indigenous people in the area, and that land management decisions affect health outcomes of Indigenous people on an individual basis.*
- *Upholding our responsibility to steward the land in a reciprocal and responsible way.*
- *Uplifting and supporting Indigenous stewardship practices, knowledge systems, and adaptive management strategies.*
- *Building connections across cultures and finding ways to facilitate dialogue, bring in voices that have been silenced, marginalized and excluded, and share learning opportunities that bring communities together.*

With humility, we offer this acknowledgment as a stepping stone to deeper understanding, as our community builds connections across cultures and uncovers what it means to inhabit these lands and waters together.

WELCOME TO THE 11TH ANNUAL SAN JUAN ISLANDS AGRICULTURAL SUMMIT!

This event was created with the vision of bringing the agricultural community together for inspiration, education, and camaraderie. Each year a dedicated group of partner organizations and steering committee members convenes to sift through hundreds of session ideas, organize workshops and pull together an inter island gathering. It has been truly humbling and rewarding to see the continued support and community engagement in this event.

Our theme this year is the *Changing Tides of Island Agriculture*. We live and grow food on islands. Whether it is managing climate change driven shifts in precipitation intensity, recognizing that we are sitting on a finite bubble of an aquifer, intertwining methods of production and ecosystem health, exploring new aquaculture opportunities, or honoring the traditional harvest of the sea, we are fundamentally connected to water.

We are also in rapidly changing times as larger cultural, economic and ecological forces play out across the islands. Through these changes we hope to continue to build connections, inform local policy, and find time to rest so that we can support a thoughtful, diverse and productive island food and agricultural system.

Thank you for participating in this gathering and conversation!

Brook Brouwer
Director, WSU Extension SJC

Brook Brouwer





2023 KEYNOTE SPEAKER

KATIE PENKE, ALLUVIAL FARMS

From Water Conservation to Lard Lip Balm: A Story of Leveraging Challenges to Fuel a Thriving Farm Business

Join Katie Pencke as she tells the story of Alluvial Farms, a thriving farm in the Pacific Northwest producing high quality pork, lard-based wellness products and pet treats, and creating farm experiences that inspire ecological stewardship and resilient local food sheds. Learn how Alluvial embraced surface water conservation, leaned into the value-added market, leveraged coaching and mentorship programs, and layered in mindful events to create a thriving farm business with a goal of increasing equitable land access and improving regional food security.

Katie and her husband Matthew McDermott launched Alluvial Farms in 2015 to serve Puget Sound area eaters interested in delicious, pasture-raised pork grown using regenerative practices by a family they can meet and on a farm they can visit and enjoy. Katie previously served as a project manager for Seattle Tilth managing learning gardens and farms around King County, as a Resource Specialist with King Conservation District, and most recently as a livestock advisor and conservation farm planner with the Whatcom Conservation District. <https://alluvialfarms.com/>

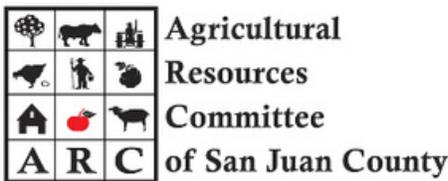
THANK YOU TO OUR PARTNERS



WSU EXTENSION
San Juan County



SAN JUAN ISLANDS
AGRICULTURAL GUILD



2023 STEERING COMMITTEE

BROOK BROUWER, DIRECTOR, WSU EXTENSION SJC



Brook Brouwer has been director of WSU Extension in San Juan County since 2016. Born and raised on Lopez Island, his education and career have focused on understanding ecosystems, agriculture, and their intersections. He has a PhD in crop science from WSU, where he studied plant breeding for regional and organic production systems. Brook has been involved in every one of the past ten Summits, from presenting on wireworms to chopping beets for lunch and designing content. Away from the office, he helps his wife to grow vegetable and flower seed and jumps in puddles with his toddler.

KRISTEN ARNIM, SUMMIT ASSISTANT



Kristen Arnim worked as a WWOOFer (farm volunteer) and farmland long enough to decide to be a farmer and then realize she did not want to be a farmer herself. But she is passionate about supporting small farmers and local agriculture. She has helped to organize the Ag Summit for two years in a row and can be found chasing her 5-year-old around San Juan Island and occasionally singing silly songs at the library.

FAITH VAN DE PUTTE, AGRICULTURAL RESOURCE COMMITTEE COORDINATOR



When not working with the fabulous group of volunteers on the Agricultural Resource Committee to advocate for a vibrant island food system and farm community, Faith is farming. She runs Midnight's Farm on Lopez Island along with her husband, David Bill. The farm produces compost, beef and mixed vegetables with management values of stewardship, community and education. Faith's passions on the farm are her intensive, no-till market garden, soil science, agriculture's role in climate mitigation, and feeding lively conversations around the kitchen table with the delicious bounty of the land.

PAULINE CHIQUET, SAN JUAN ISLANDS CONSERVATION DISTRICT



Pauline is a former farmer working to connect current farmers with technical and financial assistance through the San Juan Islands Conservation District. As a new islander on Orcas, she can be found in the field meeting with producers, and in the water, exploring the aquatic landscapes and hanging out in the bull kelp with giant pacific octopus. Pauline loves food and enjoys supporting the local agricultural viability to nourish our island community.

JAIME BEECHUM, STEERING COMMITTEE



Jaime has been photographing her life story both professionally and within the industry for twenty years, navigating to places, people and practices that were striving for harmony on the planet, of which in 2016 landed her on Orcas Island eventually living on her 40 foot sailboat. In 2020, Jaime started her own small scale food garden and native plant restoration business, "POSITIVE EFFECTS" which serves the interconnection of food, stewardship, and social practices. She is the co-founder of SOURCE paper, a cultural and arts based publication and communal event platform that explores the cultivation of community through sharing. Jaime is most curious about expanding her participatory practices in alliance with Indigenous rematriation into The Waters via sea gardening. Jaime collaborated on this year's Summit Traditional Foodways workshop and "Kelp for Climate Action" session.

KELSEY GREEN, SUMMIT PRODUCER



Kelsey Green has been working with the SJI Ag Summit since 2015, either on the steering committee, assisting or producing. The Ag Summit is Kelsey's favorite event on the planet, and she is honored to be working with the fabulous 2023 Summit team to produce this year's event. Kelsey owns a communications consulting practice focusing on stakeholder engagement, strategic communications and project management; joyfully partnering with agricultural and environmental entities across the Pacific Northwest. She loves the islands, loves food, and sometimes makes her friends go cold plunging. kelseygreencomm.com @kelseygreencomm

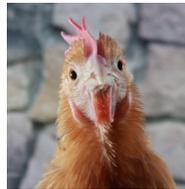
CAITLIN LECK (SHE/HER), STEERING COMMITTEE



Caitlin Leck is a mother, farmer, organizer, and facilitator who believes nourishing food and regenerative farming can act as mechanisms of progressive social change. She has helped guide the Orcas Community Participatory Agriculture program since its inception in 2014, and is working with a stellar group on the Food System Team to create a county-scale food system plan. If she had her druthers, she would clone herself and spend long days in a hammock, reading Octavia Butler in the dappled shade of an apple tree. Caitlin is honored to live on Orcas with her husband, Zackarya, and their two sons.

www.orcascommunityag.org foodsystem.sjc@gmail.com

STEPH COFFEY, SAN JUAN ISLANDS AGRICULTURAL GUILD



Since 2017, Steph has been at the San Juan Islands Agricultural Guild as the past Director, and now as the Finance-Grants Manager. In typical island fashion, she works another part-time job at the Joyce L. Sobel Family Resource Center as Finance Manager. Originally from Minnesota, Steph worked in broadcast advertising for 17 years, and nonprofit administration and marketing for 15 years. She also ran a small farm selling to restaurants and at farmers markets. These days she's getting her hands dirty making pottery at Alchemy Art Center every weekend.

EMMA RASTATTER, SAN JUAN ISLANDS AGRICULTURAL GUILD



Emma is the Executive Director of the San Juan Islands Agricultural Guild, leading programs to connect farmers throughout the county to land, capital, infrastructure, and markets. She first fell in love with the islands and their agricultural community as an apprentice at Aurora Farms on San Juan Island in 2020, and she returned two years later to set her roots here after working on farms across the country. She previously worked with chef Dan Barber at Blue Hill at Stone Barns on his regional food system initiatives and studied Human Biology at Stanford. She and her husband, Wiley, are also starting a farm and inn, Saturn's Return, on San Juan Island this spring.

BRUCE ROBINSON, SAN JUAN ISLAND GRANGE



Bruce has always loved watching things grow: 10 years a dog owner; 20 years a member of a marimba family; 30 years an elementary school teacher; 40 years a gardener. Now, Bruce is watching the food security of the islands grow through the lens of the San Juan Island Grange.

FRIDAY SCHEDULE



Friday, March 3 Schedule, In-Person

8AM - 4PM	Summit Hub , Brickworks Event Center - Stop by, Have a Coffee, See Friends, Find Resources			
Workshop Track	Plants	Animals	Water	People
9:00 - 11:30 AM	AM Workshop A	AM Workshop B	AM Workshop C	AM Workshop D
Morning Workshops	From Soil Health Markers to Resources for Improvement Andrea Bearce, Groundwork Soil; Deirdre Griffin LaHue, WSU; Location: Skagit Valley College	Silvopasture Walk & Talk Erik Hagan, Savanna Institute; Adam Greene and Sarah Pope, Oak Knoll Farm; Nic Coturri, Piquenique Wines, Carrie Brausieck, Snohomish Conservation District Location: Oak Knoll Farm	Too Much Water! Designing Water Resilient Landscapes Brian Kerkvliet, Inspiration Farm; Lori Ann David, Aurora Farms Location: Aurora Farms 1	State and Local Policy: Assessment to Action Laura Raymond, WSDA; Faith Van De Putte, ARC, Caitlin Leck, Food System Team Coordinator; Location: San Juan Island Grange
11:45 - 1:00 PM	Summit Hub , Brickworks Event Center - Bring your Lunch, See Friends, Find Resources			
1:30 - 4:00 PM	PM Workshop A	PM Workshop B	PM Workshop C	PM Workshop D
Afternoon Workshops	The Intensive No-till Market Garden Zach Chan, New Hannah Farm, Faith Van De Putte, Midnight's Farm Location: New Hannah Farm	Rotational Grazing Management Tip Hudson, WSU; Lori Ann David, Aurora Farms Location: Aurora Farms 2	Traditional Foodways: A Deeper Dive Samish: Rosie Cayou, Sam Barr, Aurora Martinez; Swinomish: Alana Quintasket; Tulalip: Andrew Gobin, Lummi: Jay Julius Location: Jackson Beach	Skills Building: Butchering Basics Nick Coffey, Ursa Minor; Paul Kuber, WSU Location: San Juan Island Grange
4:30 - 5:45 PM	Farmer Roundtable: A Community Conversation			
	Facilitated by: Roger Ellison, San Juan Island Grange and Sarah Severn, Clean & Prosperous Washington.			
6:00 - 9:00 PM	Hoedown! Brickworks Event Center - Dinner, Live Music, No-host bar			

SATURDAY SCHEDULE

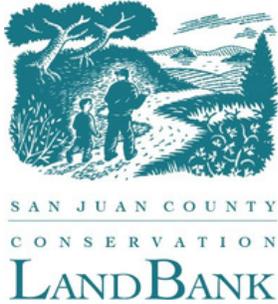


Saturday, March 4 Schedule, In-Person

6:30AM - 4:30PM	Conference Day at UW Friday Harbor Labs: 620 University Rd, Friday Harbor, WA 98250			
6:30 - 8:30 AM	Breakfast, Coffee & Tea			
8:30 - 9:40 AM	Welcome Address & Keynote , Brook Brouwer, WSU Extension SJC & Katie Pencke, Alluvial Farms			
Breakout Track	Plants	Animals	Water	People
Classroom	Lecture Hall	Computer Lab	Commons	Dining Hall
10:00 - 11:30 AM	Morning Session A	Morning Session B	Morning Session C	Morning Session D
Morning Breakout Sessions	Integrated Pest Management <i>Louis Nottingham, WSU; Brook Brouwer, WSU</i>	Opportunities in Fiber <i>Jessica Schwab & Anna Hosick-Kalahan, Skagit Woolen Works</i>	Aquifer Recharge and Water-Budget Components of SJC <i>Elise Wright USGS; Wendy Welch, USGS</i>	Creating a Successful Farm Team <i>Mike Peroni, NABC; Cesar Sanchez, L&I WA; Cristina Rodriguez, L&I WA; Chelsea Thorpe, SJI Ag Guild</i>
11:30 - 1:00 PM	Lunch , Omnivore, Vegetarian & Gluten Free Options; Coffee & Tea			
1:15 - 2:45 PM	Afternoon Session A	Afternoon Session B	Afternoon Session C	Afternoon Session D
Afternoon Breakout Sessions	Produce Post-Harvest from Field to Consumer <i>Connie Fisk, WSDA; Evan Lewarch, Puget Sound Food Hub</i>	Wetland and Riparian Grazing , Eric Lum, Lum Farm; Scott Meyers, Sweet Grass Farm; Kendra Smith, SJC Env. Stewardship; Tip Hudson, WSU	Water Storage and Irrigation Systems for Perennial Crops <i>James Most, Orchards, Gardens, and Irrigation</i>	Access to Resources: Farm Business Mentoring & Coaching <i>Katie Pencke, Alluvial Farms; Mike Peroni, NABC</i>
3:00 - 4:30 PM	Afternoon Session E	Afternoon Session F	Afternoon Session G	Afternoon Session H
Afternoon Breakout Sessions	Agroforestry <i>Erik Hagan, Savanna Institute; Carrie Brausieck, Snohomish Conservation District</i>	Growing Grain <i>Nathan Hodges, Barn Owl Bakery; Brendan Donohoe, North Star Farm; Brook Brouwer, WSU</i>	Kelp for Climate Action <i>Joth Davis, UW College of the Environment, Baywater Shellfish Farms and CEO, Pacific Hybreed, Inc.</i>	Cultivating Mindful Stewardship of the Self: Stress and Burnout Management Practices for Farmers <i>Nikyta Palmisani</i>
5:00 - 7:00 PM	Summit Gathering , SJI Brewing Co, 410 A St, Friday Harbor, WA 98250. No-host.			

THANK YOU 2023 SUMMIT SPONSORS!

SUSTAINING



FARM CHAMPION

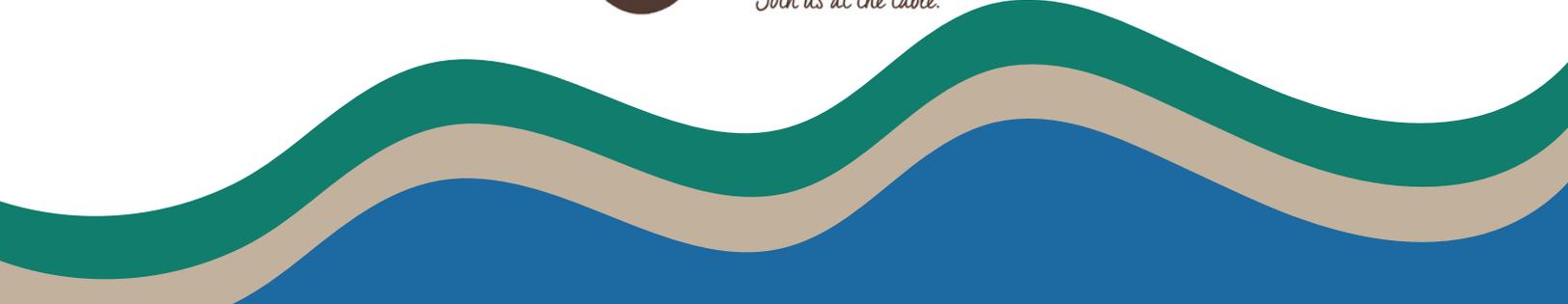


Washington State Department of Agriculture

Regional Markets Program



FARMER



SPECIAL THANK YOU TO OUR ANONYMOUS DONORS

FRIDAY WORKSHOPS

FRIDAY MORNING WORKSHOPS A-D | 9:00 - 11:30 AM

FROM SOIL HEALTH MARKERS TO RESOURCES FOR IMPROVEMENT

This workshop will center around recognizing and understanding biological markers of soil health. Using a microscope, Andrea will demonstrate the complex soil food web of microorganisms that make up healthy soils. Samples from different fields and compost piles from around the islands will be analyzed and compared. Methods for using biology to increase soil health will be discussed.

Andrea Bearce, Groundwork Soil; Deirdre Griffin LaHue, Washington State University

Location: Skagit Valley College, 221 Weber Way, Friday Harbor, WA 98250

SILVOPASTURE WALK & TALK

Join us on Oak Knoll Farm to observe the practical aspects of integrating trees in a pasture system. Silvopasture and hedgerows can support grazing quality, provide shelter for livestock among other multifunctional benefits. We will see working examples while discussing system functions, benefits and design considerations.

Erik Hagan, Savanna Institute; Adam Greene & Sarah Pope, Oak Knoll Farm; Carrie Brausieck, Snohomish Conservation District; Nic Coturri, Piquenique Wines

Location: Oak Knoll Farm, 1585 Douglas Rd, Friday Harbor, WA 98250

TOO MUCH WATER! DESIGNING WATER RESILIENT LANDSCAPES

This workshop will be an interactive deep dive into managing too much water. Brian has a background in permaculture design, with a specialty focus on water. He will discuss strategies such as swales and ponds for moving and retaining water throughout a landscape, looking at big picture and localized systems. Part of this session will feature a presentation from Brian on how to read water landscapes, while the other part will include a walkaround of Aurora Farms with Lori Ann David for a live demonstration.

Brian Kerkvliet, Inspiration Farm; Lori Ann David, Aurora Farms

Location: Aurora Farms #1, 652 No. 2 Schoolhouse Road, Friday Harbor, WA 98250

STATE AND LOCAL POLICY: ASSESSMENT TO ACTION

Want to learn what is happening with agricultural policy on the state and local level? Want to get involved and make your voice heard? Join us for an engaging dialogue about policy issues that affect producers and eaters in San Juan County. Laura Raymond, WSDA, will present about state level ag policy; Faith Van De Putte, ARC, will share about the new Comp Plan and how it will influence code updates; Caitlin Leck, Food System Team, will present the draft Food System Plan, which will guide policy and programs in SJC for years to come. The second half of the workshop will be a facilitated process to refine and contribute to the draft Food System Plan.

Laura Raymond, WSDA; Faith Van De Putte, Agricultural Resources Committee; Caitlin Leck, Food System Team

Location: San Juan Island Grange: 152 First St N, Friday Harbor, WA 98250

FRIDAY WORKSHOPS

FRIDAY AFTERNOON WORKSHOPS A-D | 1:30 - 4:00 PM

THE INTENSIVE NO-TILL MARKET GARDEN

Learn strategies for transitioning and managing an intensive, no-till market garden. We will tour New Hannah Farm and see and discuss practices such as occultation, bed prep, weed management, and planting strategies. Zach Chan of New Hannah and Faith Van De Putte of Midnight's Farm will discuss the benefits, challenges, and what to do when in a no-till market garden. Come with your questions!

Zach Chan, New Hannah Farm San Juan Island; Faith Van De Putte, Midnight's Farm, Lopez Island

Location: New Hannah Farm, 3148 Bailer Hill Rd, Friday Harbor 98250

ROTATIONAL GRAZING MANAGEMENT

This workshop will address rotational grazing strategies for livestock. Workshop topics will include infrastructure, timing, and grass species mixes for enhancing grazing operations. Learn decision-making frameworks to guide your grazing management.

Tip Hudson, Washington State University; Lori Ann David, Aurora Farms

Location: Aurora Farms #2: 1935 Lampard Road, Friday Harbor, WA 98250

WHEN THE TIDE IS OUT, THE TABLE IS SET: A DEEPER DIVE INTO TRADITIONAL FOODWAYS

Circle up around the fire with us as we continue our Traditional Foodways conversation by diving deeper into the relations of Water, Land and People here in the Salish Sea. We are honored to be joined by Tribal members with ancestral ties to the San Juan Islands, including Rosie Cayou, Samish; Aurora Martinez, Samish; Sam Barr, Samish; Alana Quintasket, Swinomish; Andrew Gobin, Tulalip; and Jay Julius, Lummi. We will meet at the water's edge in an open forum for speakers to create conversation and share insights around the interdependence of Land and Sea, traditional clam garden technologies, treaty rights and access to harvesting. We invite you to join this ongoing conversation as we investigate what it means to inhabit these lands and waters together as a community of Coast Salish peoples and island settlers, to deepen our relationships, to build connections, and to work together toward a resilient future.

Rosie Cayou, Samish Elder; Sam Barr, Samish, Coast Salish Youth Stewardship Corps, THPO (Stillaguamish); Aurora Martinez, Samish, Coast Salish Youth Stewardship Corps; Alana Quintasket, Swinomish, Swinomish Indian Tribal Community Senator; Andrew Gobin, Tulalip, Treaty Rights Policy Analyst, Environmental Scientist; Jay Julius, Lummi, fisherman, Former Chairman and Councilman at Lummi Nation. *Location: Jackson Beach Rd, Friday Harbor, WA 98250*

SKILLS BUILDING: BUTCHERING BASICS

In this workshop local chef, Nick Coffey and WSU Extension Livestock Specialist, Paul Kuber will work together to go through a basic lamb carcass breakdown as well as advanced skills looking at alternative cuts. The workshop will include a discussion of marketing, cooking, the importance of finishing for quality product as well as how principles apply across species. This is an opportunity for producers, consumers and chefs to engage and learn new skills and understanding of processing local meat.

Nick Coffey, Chef, Ursa Minor; Paul Kuber, Washington State University

Location: San Juan Island Grange: 152 First St N, Friday Harbor, WA 98250

SATURDAY SESSIONS

SATURDAY MORNING SESSIONS A-D | 10:00 - 11:30AM | BREAKOUT SESSIONS AT UW FHL

INTEGRATED PEST MANAGEMENT FOR VEGETABLE AND FRUIT PRODUCTION

Interested in learning more about how to manage and monitor insect populations on your farm? This session will provide an introduction to principles and methods of integrated pest management (IPM) for fruit and vegetable crops. We will discuss practical methods of monitoring insect populations on your farm, strategies for insect identification and supporting beneficial insect populations. Principles will be connected to specific examples of applying IPM to common tree fruit pests as well as local IPM research on wireworms.

Robert Orpet, Washington State University; Brook Brouwer, Washington State University

OPPORTUNITIES IN FIBER

Thinking about wool beyond its use in textiles. Learn how fiber producers can have an outlet for their wool, both by eliminating it from the waste stream and by transforming it into value-added products. Skagit Woolen Works will discuss some of what they've learned in their first year of operation, share ideas for trends in the fiber industry as a whole, and discuss opportunities for the Islands to become part of the growing demand for local, sustainable products that revive the land and local economies.

Jessica Schwab, Skagit Woolen Works; Anna Hosick-Kalahan, Skagit Woolen Works

AQUIFER RECHARGE AND WATER-BUDGET COMPONENTS OF SAN JUAN COUNTY

In 2021, the U.S. Geological Survey (USGS) Washington Water Science Center began a project in cooperation with San Juan County Health and Community Services to provide an updated water balance for the County, including estimated groundwater recharge and water use withdrawals. A major part of this analysis of water budget components is the estimation of groundwater recharge using the USGS Soil-Water-Balance (SWB) model. The SWB model estimates recharge on a defined grid for the entire study area at a daily time step using a modified Thornthwaite-Mather soil-water-balance approach. Inputs to the SWB model include precipitation, temperature, land-use classification, hydrologic soil group, flow direction, and available soil-water capacity. The results of this SWB model will be compared to previous recharge estimates for San Juan County, including estimates from a USGS study conducted in the early 2000s (Orr and others, 2002) which estimated recharge using both the Deep Percolation Model (DPM) and a chloride mass balance method. The second major part of this analysis of water budget components is to estimate water use using the best available data and reproducible methods. These data come from both local and state departments, including Department of Health, Department of Ecology, Department of Agriculture, San Juan County, and local water systems. The primary water use categories estimated are public supply, domestic self-supply, and irrigation. In addition to the current project, work completed by the USGS in earlier studies will be discussed. These topics include background geology and hydrogeology of the islands, seawater intrusion, groundwater and surface water interactions, and a general overview of the water cycle and how its elements are investigated.

Elise Wright, USGS Hydrologist; Wendy Welch, USGS Supervisory Hydrologist

CREATING A SUCCESSFUL FARM TEAM

Whether you have employees, interns or volunteers, there are strategies to create a good work environment. A panel of experienced ag businesses will present and discuss legalities, key considerations and best practices. Learn about the WA Small Farm Internship program and local support for farm interns.

Mike Peroni, Northwest Agriculture Business Center; Cesar Sanchez, L&I Washington; Cristina Rodriguez, L&I Washington; Chelsea Thorpe, San Juan Islands Agricultural Guild

SATURDAY SESSIONS

SATURDAY AFTERNOON SESSIONS A-D | 1:15 - 2:45 PM | BREAKOUT SESSIONS AT UW FHL

PRODUCE POST-HARVEST FROM FIELD TO CONSUMER

Best practices for vegetable and fruit harvesting, packing, holding, and shipping. Learn the basic requirements of the latest federal produce regulations, including innovative examples from farms. Hear from Puget Sound Food Hub on the buyer expectations in packaging and shipping, with options on reducing plastics.

Connie Fisk, WSDA; Evan Lewarch, Puget Sound Food Hub

WETLAND AND RIPARIAN GRAZING

This will be a panel discussion based around best practices for grazing livestock in wetlands and riparian areas. We will hear from farmers, environmental stewards, and county representatives on topics such as managing reed canarygrass and recommended grazing setback widths from surface water. Learn how to conserve natural resources while maximizing grazing space.

Eric Lum, Lum Farm; Scott Meyers, Sweet Grass Farm; Kendra Smith, SJC Environmental Stewardship; Tip Hudson, Washington State University; moderated by Pauline Chiquet, San Juan Islands Conservation District

WATER STORAGE AND IRRIGATION SYSTEMS FOR PERENNIAL CROPS (ORCHARDS)

This workshop will include an overview of different options for orchard irrigation systems, followed by a deep dive into specific irrigation systems used on the islands. James Most will demonstrate hooking up and wiring manifolds as well as operating systems.

James Most, Orchards, Gardens, and Irrigation

ACCESS TO RESOURCES: FARM BUSINESS MENTORING & COACHING

Learn about farm business coaching resources and how they can support you to develop a business plan and production systems and to access capital. Katie Pencke, co-owner of Alluvial Farms in Everson, will share an overview of available resources and their impact on her farm business. Then, Mike Peroni of Northwest Agriculture Business Center will lead the group through a business planning exercise.

Katie Pencke, Alluvial Farms; Mike Peroni, Northwest Agriculture Business Center

SATURDAY SESSIONS

SATURDAY AFTERNOON SESSIONS E-H | 3:00 - 4:30 PM | BREAKOUT SESSIONS AT UW FHL

AGROFORESTRY

Explore the multifunctional benefits of agroforestry. Learn how trees and shrubs can be utilized in an agricultural setting: silvopasture, riparian buffers, alley cropping, windbreaks and hedgerows to name a few. We will cover system functions, benefits, and design considerations to help you determine if this long term investment is right for your farm.

Erik Hagan, Savanna Institute; Carrie Brausieck, Snohomish Conservation District

GROWING GRAIN

Do you want to grow grain? Explore practices and methods for small scale production, considerations for crop rotation, seed, equipment, harvest and handling. Whether you are interested in food production or growing your own livestock feed this panel will share their experiences and research.

Nathan Hodges, Barn Owl Bakery; Brendan Donohoe, North Star Farm; Brook Brouwer, Washington State University

KELP FOR CLIMATE ACTION

Join us for a storytelling and open floor conversation of seaweed and shellfish cultivation, restoration, and management in the Salish Sea with Joth Davis. Davis will share his experience through stories of collaborating with seaweed and oysters to mitigate Ocean acidification, newly funded projects of using seaweed in regenerative soil building, tribal relations, permitting, start up challenges and the growing market for seaweed in the food system. If you have been curious about growing food in the Sea, this is one you won't want to miss!

Joth Davis, Senior Scientist, Puget Sound Restoration Fund; University of Washington, College of the Environment, School of Aquatic & Fishery Sciences; Baywater Shellfish Farms; Pacific Hybrid, Inc.

CULTIVATING MINDFUL STEWARDSHIP OF THE SELF: STRESS AND BURNOUT MANAGEMENT PRACTICES FOR FARMERS

Join us for a nourishing session, led by Lopez-based yoga teacher and Expressive Arts therapist, Nikyta Palmisani, to explore how to manage stress and avoid burnout. She will lead the group through movement and facilitated conversation.

Nikyta Palmisani

SUMMIT LOCATIONS

1 **BRICKWORKS EVENT CENTER**
150 Nichols St

2 **UW FRIDAY HARBOR LABS**
620 University Rd

3 **SJI BREWING CO**
410 A St

4 **SKAGIT VALLEY COLLEGE**
221 Weber Way

5 **OAK KNOLL FARM**
1585 Douglas Rd

6 **SAN JUAN ISLAND GRANGE**
152 First St N

7 **JACKSON BEACH AND ARGYLE LAGOON BIOLOGICAL PRESERVE**
Jackson Beach Rd

8 **AURORA FARMS #1**
652 No. 2 Schoolhouse Road

9 **AURORA FARMS #2**
1935 Lampard Road

10 **NEW HANNAH FARM**
3148 Bailer Hill Rd



SEE NEXT PAGE FOR MAP OF
UW FRIDAY HARBOR LABS

2023 Ag Summit Locations at FHL

Dining Hall: Breakfast, Keynote, Lunch & People Track

Lecture Hall: Plants Track

Computer Room: Animals Track

Commons: Water Track

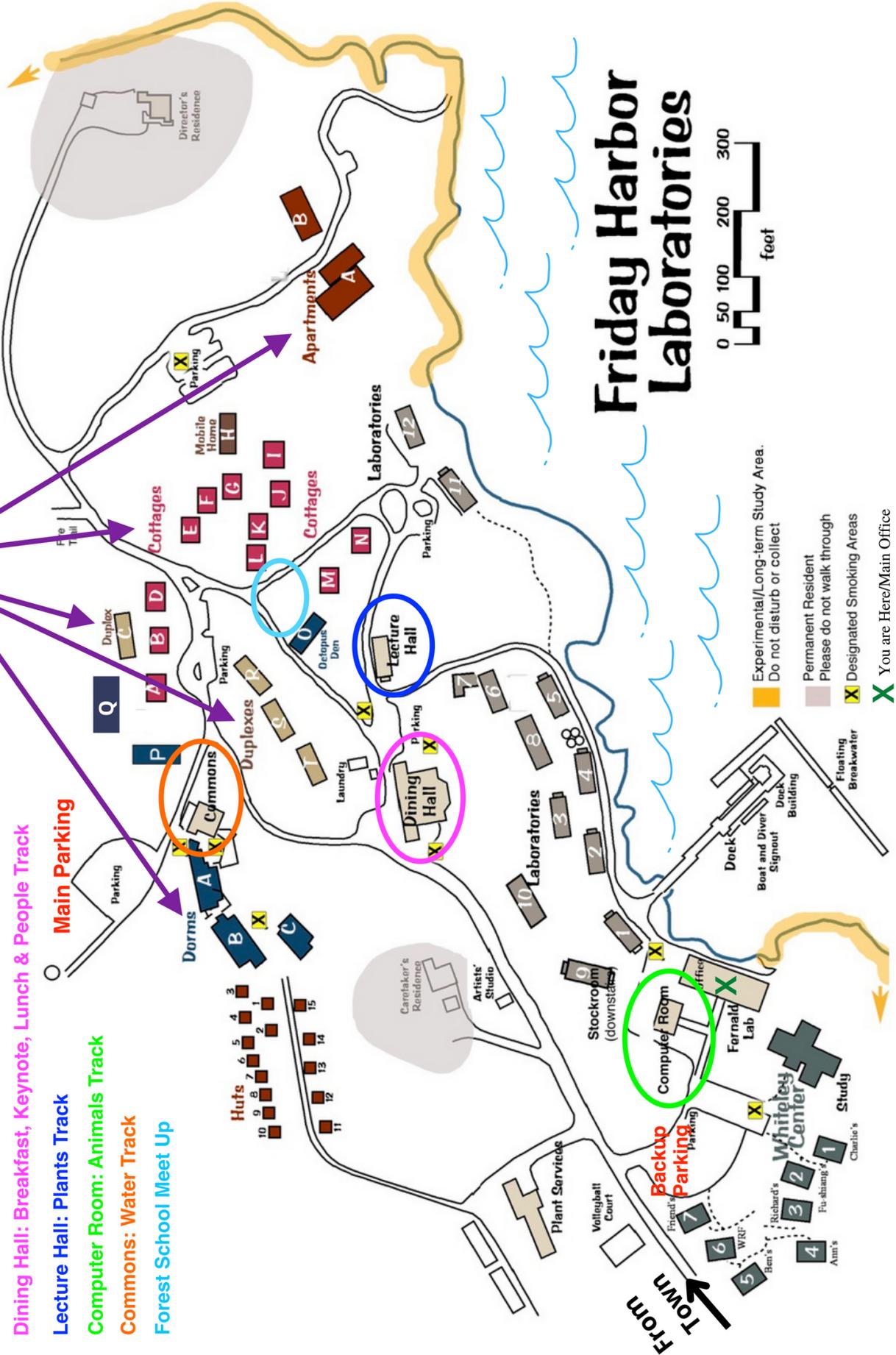
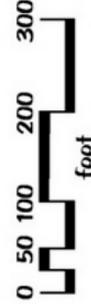
Forest School Meet Up

Housing: Arrows to dorms, duplexes, cottages and apartments

Housing

Main Parking

Friday Harbor Laboratories



Experimental/Long-term Study Area. Do not disturb or collect

Permanent Resident Please do not walk through

Designated Smoking Areas

X You are Here/Main Office

From Town

Thank You for Joining us for the 11th Annual San Juan Islands Agricultural Summit!



THE CHANGING TIDES OF ISLAND AGRICULTURE

