

The Reforestation Pipeline in the Western United States

September 27-29, 2022 · Edgewater Hotel, Missoula, MT

2022 Joint Annual meeting:

- *Western Forest and Conservation Nursery Association*
- *Intertribal Nursery Council*
- *Intermountain Container Seedling Growers' Association*

Tuesday, September 27

- 9:45 Welcome and introductions
- 10:00 *Increasing the Flow of the Reforestation Pipeline: It's Going to Be Plumb Crazy!* **Kas Dumroese, USDA Forest Service, Moscow, ID**
- 10:30 Pipeline Keynote: Seeds – *It All Starts With Seed: Strengthening the Reforestation Pipeline in the Western U.S.* **Olga Kildisheva, The Nature Conservancy, Bend, OR**
- 11:15 *National Seed Strategy: Progress and Future Vision.* **Peggy Olwell, USDI Bureau of Land Management, Boise, ID**
- 11:45 *Strategic Seed Management to Meet Reforestation Needs.* **Kayla Harriman, USDA Forest Service, Bend Seed Extractory, Bend, OR**
- 12:15 LUNCH (provided)
- 1:00 Field trip to Great Bear Restoration Nursery (Hamilton, MT)
Great Bear Native Plants is a small, women-owned nursery specializing in growing Rocky Intermountain West containerized native plants. They have experience growing over 300 native shrub, grass, forb, and tree species for restoration, habitat, and home gardens. They are located in Hamilton, Montana near the base of the Bitterroot Mountains.
- 5:00 Arrive back at hotel
- 6:00 Intertribal Nursery Council Dinner

Wednesday, September 28

- 8:30 Pipeline Keynote: Nurseries – *Establishing a Sustainable Seedling Supply: Economic, Environmental and Social Challenges for Nurseries.* **Nabil Khadduri, Washington DNR Webster Nursery, Olympia, WA**
- 9:15 Pipeline Keynote: Outplanting – *Considerations for Outplanting Practices in the Western U.S.: An Account of its Past, Present, and Future.* **Matthew Aghai, DroneSeed and Silvaseed, Roy, WA**
- 10:00 *Flathead Indian Reservation's Biocultural Restoration for Whitebark Pine.* **ShiNaasha Pete, Confederated Salish and Kootenai Tribes, Pablo, MT**
- 10:30 break
- 10:45 Student Presentations:
Drought Resistance and Frost Tolerance of Redwood Clones. **Amy Kronsberg, Oregon State University, Corvallis, OR**

Intraspecific Root Traits Variability of Western Larch Seedlings in Response to Drought.

Vovener Edmond, University of Idaho, Moscow, ID

Interior Douglas-fir: Investigating Latitudinal Differences in Seedling Drought Tolerance.

Sarah Larson, University of Idaho, Moscow, ID

11:15 *Nursery Drought Conditioning and Genetic Effects of Douglas-fir Seedlings Growing in Three Sites in Western Oregon.* **Carlos Gonzalez, Oregon State University, Corvallis, OR**

11:45 *Seedling Carbon and Water Balances: Do They Limit Cold Storage Duration?*

Rebecca Sheridan, Weyerhaeuser Company, Centralia, WA

12:15 LUNCH (provided)

1:00 Field trip to Confederated Salish and Kootenai Tribes Forestry Greenhouse (Polson, MT)
The Confederated Salish and Kootenai Tribal nursery program operates in two locations on the Flathead Reservation north of Missoula. The Ronan location specializes in containerized native plants that include forbs, perennials, graminoids, shrubs, and broadleaved tree species. The Pablo nursery location currently focuses containerized production on seven different conifer species. The CSKT grow reforestation and restoration seedlings for their programs as well as for other tribes, public agencies, and the private sector.

5:00 Event dinner and Retiree Recognition

8:00 Arrive back at hotel

Thursday, September 29

8:30 Pipeline Keynote: Post-Planting Care – *The Finish Line: Post-Planting Activities Improving Reforestation Success.* **Florian Deisenhofer, Washington DNR, Vancouver, WA**

9:15 *Policy and Funding Opportunities for Reforestation and Nursery Support.* **Danielle Okst, Council of Western State Foresters, Edgewater, CO**

9:45 *Typical and Non-Typical Outplanting Practices Used on Forest Service Lands in the Intermountain West.* **Ellen Jungck, USDA Forest Service, Missoula, MT**

10:15 break

10:30 Student Presentations:

Effects of Canopy Cover on Near-Surface Temperatures: Implications for Seedling Growth and Performance. **Amanda Brackett, Oregon State University, Corvallis, OR**

kitahkinaani 'Our Garden'. **Kayla Allen, Miami University, Oxford, OH**

Creating Culturally Relevant Pathways to Reforestation for Indigenous Youth.

Susannah Howard, State University of New York (SUNY), Albany, NY

11:00 *Enhancing Interior Douglas-fir and Western Larch Seedling Growth with Post-Planting Forb Control.* **Andrew Nelson, University of Idaho, Moscow, ID**

11:30 Closing remarks

11:45 LUNCH (on your own)

12:30 Tour at Montana Conservation Seedling Nursery (Missoula, MT)

The Montana Conservation Seedling Nursery is part of the Montana DNRC mission is to provide plants for conservation projects that occur throughout the State of Montana. The nursery provides bareroot and containerized stock derived from locally adapted and

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source-identified seed. Seedlings are grown for private landowners; county conservation districts; government agencies; conservation organizations; and the forestry industry.

2:30 Meeting ends