

Message from the Coordinator...

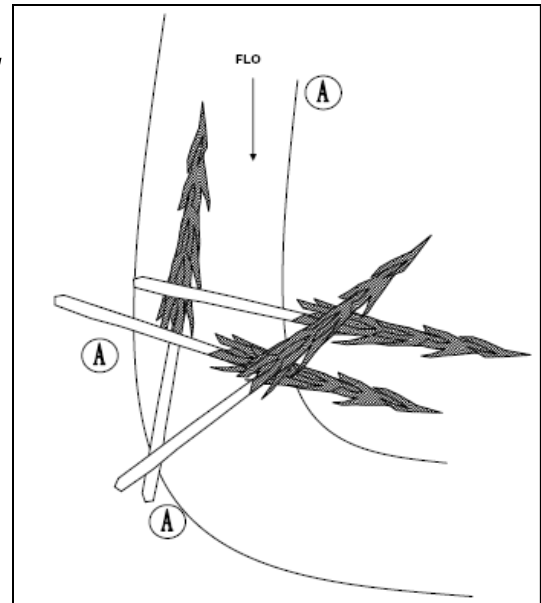
Helicopter Large Wood Placement

It is show time for the Lower Deadwood Aquatic Restoration project. I've mentioned the project in its preparatory stages in the newsletter several times over the past months. Large wood will be placed by helicopter in five 7th field watersheds in the Lower Deadwood 6th field watershed area. The end result will be more than 490 trees, some with root wads in 14 miles of stream, providing instream structure for salmonids and other aquatic species. The large woody debris (LWD) will provide refuge for the fish. Over time spawning gravels will be retained and pools will be formed. Trees are being placed on both public and private land. The project is a partnership between the SWC, USFS, ODFW, OWEB, and private landowners.

Around September 24 the Chinook helicopter will begin placing the wood under the direction of Ralph Lampman and Paul Burns from the USFS and Jason Kirchner from ODFW. Brief traffic delays may occur on West Fork Deadwood Road during tree placements on Misery Creek and the West Fork. There may also be brief delays on Deadwood Creek Road during the placements in Bear Creek.

Smoot Creek Restoration

ODFW, Roseburg Forest Products (RFP), and the SWC partnered on a restoration project on Smoot Creek which was funded by an OWEB Small Grant. The lack of winter habitat is recognized as a limiting factor for Coho in streams such as Smoot Creek. Large wood placements can help provide refuge, pools, and eventually reconnect the stream with the floodplain providing off channel habitat. Trees



An example of plans for LWD placements. Jason Kirchner, ODFW.

donated by RFP from the nearby harvest were placed in the stream channel using an excavator. An old concrete dam and plugged culvert were removed, which will allow the stream to return to its meandering channel.

Future Projects

September and October are busy times for watershed councils, while we are implementing restoration and monitoring projects, we are writing new funding proposals for future projects. OWEB has a fall grant cycle and the Coast Range Stewardship Fund proposal deadline is this month. The SWC will be submitting grant applications and funding proposals for several restoration grants, including a multi-faceted project on Swamp Creek involving the BLM, Weyerhaeuser, and private landowners. Funds will be sought for successful SWC programs, including the Volunteer Water Quality Monitoring Program, the Native Plant Distribution, Camp, Materials Acquisition, and Hire-the-Fishers. Working with our partners throughout the basin, we will be applying for funding for several new restoration projects.



**Siuslaw Watershed
Council**

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Executive Committee

Chair: Steve Elliot

Vice Chair: Dave Eisler

Secretary: Wesley Voth

Treasurer: Nancy Nichols

Representatives:

Barbara Beers
Cindy Chambers
Jim Grano
Noland Huntington
Jeff Jackson

General Council Meetings

Join us on Wednesday, September 24 at the Mapleton Grange to learn about wave energy and research in the Coastal Lakes. Scott Groth, the South Coast Shellfish Biologist for Oregon Department of Fish and Wildlife, will speak about the ecological impacts of wave energy. Later in the meeting, volunteers involved with monitoring and research projects in the Woahink and Siltcoos Lakes will provide an update on the status of their work.

Our October General Council Meeting will take place in Lorane, near the headwaters of the Upper Siuslaw. On Wednesday, October 29, we are joining with the Long Tom Watershed Council for a meeting at the Lorane Grange. We will be exploring newly emerging invasive species and native riparian plants of the Upper Siuslaw. Please join us!

Thank You,
Liz Vollmer-Buhl
Council Coordinator

Watershed's Most Un-Wanted

Aquatic Invasive Species can threaten fish and invertebrate habitat, limit water quality, and damage boats. Join us in stopping the spread of the watershed's most unwanted.

Name: Brazilian Elodea (*Egeria densa*)

Habitat: Under-water, rooted on the bottom of lakes and ponds. It can also be found in slow moving streams. Brazilian Elodea has been identified as a problem in Siltcoos Lake.

Appearance: Stems may reach 15 feet in length with many branches. The stems and leaves are green, stems may also be brown. White flowers float near or on the surface. Brazilian Elodea forms thick mats at the surface of the water.

Source of Spread: Brazilian Elodea, native to South America, was introduced as an aquarium plant that was released into waterways.

What You Can Do: Do not dump your fish or other pet tanks into lakes, streams, or wetlands. Clean your boat and fishing equipment between bodies of water. Cutting up the plants can expedite their spread, as fragments of the stems can root, starting new colonies. If you find Brazilian Elodea, report it to the Oregon Invasive Species Council at 866-INVADER or <http://oregoninvasiveshotline.org>.



Leslie J. Mehrhoff, University of Connecticut

New Opportunities

The SWC has some new and exciting ways to be involved, two sub-committees are forming to work on new programs and funding. One is the Active Adult Education Sub-Committee, led by Jim Grano, members will investigate ways to offer programs similar to our youth camps to retired adults. A FUNd Development Sub-Committee is also forming, this committee, led by Dave Eisler, will explore new methods of raising money for SWC's general programs. An announcement will be made at the September General Council Meeting to recruit new sub-committee members.

Thank YOU!
Much APPRECIATION
to All Who Helped Make
the Camps POSSIBLE!

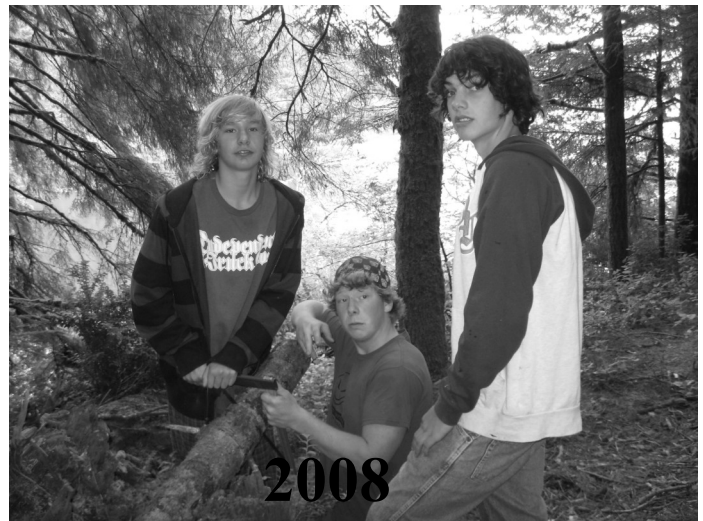


- USFS
- STEP Volunteers
- Lynn Hood
- Paul Burns & Ralph Lampman, USFS Fish Biologists
- Dana and Jeremy Monroe
- Port of Siuslaw
- Paul's Bicycle Way of Life
- Gene Stevens, Rosboro Timber
- Calvin Lewis, Honeyman State Park
- Kurt Barron & Rick DeSantis, USFS
- Andy Stahl, FSEEE
- Cindy Burns, USFS Wildlife Biologist
- Dave Eisler, SWC
- Sharron Corrigan, SWCD
- Porter Leighton
- Swanson's Mill, Noti
- Mapleton Schools
- Bryan Moore
- REI Peaks Program

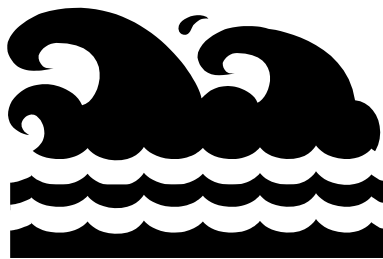
Siuslaw Watershed
Exploration Camps

Volunteers, Agency Presenters,
 & Donors

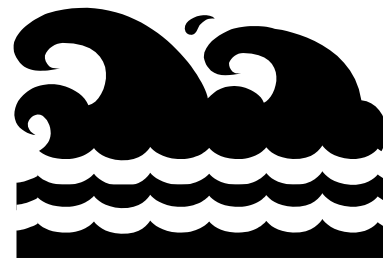
- Mary Moffat and David Webb
- BLM
- Oregon DEQ
- Gus Gates
- Denny Sydow
- Morning Glory Farm
- Sean Johnston, Central Coast Watersports
- City of Florence
- Brice Gary
- Campers' Families
- Oregon Watershed Enhancement Board
- Siuslaw Watershed Council
- SWC Staff and Camp Staff
- Noland Huntington



2008



Siuslaw Watershed Council
General Meeting Agenda
Wednesday, September 24, 2008
Mapleton Grange Hall
6:30 p.m.



6:00 - 6:30 **Open for Set-up**

6:30 - 6:35 **Welcome and Introductions**

6:35 - 7:15 **Presentation:** Ecological Impacts of Wave Energy: Scott Groth, South Coast Shellfish Biologist, ODFW

7:15 - 7:35 **Presentation:** Update on research and monitoring projects in Woahink and Siltcoos Lakes.

7:35 - 7:45 **Break**

7:45 - 8:00 **Reports:** Executive Committee Chair and Coordinator/Tech Team

8:00 - 8:25 **Open Mic** *(3-5 speakers, 3-5 minutes each)*

1. Gus Gates, Our Ocean Coalition; Perpetua-Heceta Marine Reserve Proposal (Proposal available on the SWC website)
- 2.
- 3.

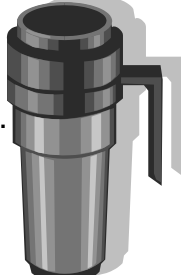
8:25-8:30 **Announcements**

8:30 **Adjourn**

*This month's meeting in Mapleton!
 Next month's meeting in Lorane!*

BYOM

To encourage reduction in waste, we are requesting that folks bring their own coffee mugs to the meeting. Thanks!



Calendar of Events

- **Wednesday, November 24: SWC General Meeting.** Annual End of the year celebration potluck. 6:30—8:30 PM, Mapleton Grange Hall. E. Mapleton Road.
- **Monday, December 4: Siuslaw SWCD Board Meeting.** 6:30 PM, Contact SWCD for information. 541-997-1272.
- **Thursday, December 4: SWC Tech Team meeting.** 9:30—11:30 AM, Siuslaw Watershed Council office, Upper US Forest Service Compound, Mapleton.
- **Wednesday, December 10: SWC Executive Committee meeting.** 5:30 PM, Siuslaw Watershed Council office, Upper US Forest Service Compound, Mapleton.
- **Wednesday, December 24: SWC General Meeting.** There will be no General Meeting this month. We hope everyone has a safe and happy new years.
- **Monday, January 1: Siuslaw SWCD Board Meeting.** 6:30 PM, Contact SWCD for information.
- **Thursday, January 8: SWC Tech Team meeting.** 9:30—11:30 AM, Siuslaw Watershed Council office, Upper US Forest Service Compound, Mapleton,
- **Wednesday, January 14: SWC Executive Committee meeting.** 5:30 PM, Siuslaw Watershed Council office, Upper US Forest Service Compound, Mapleton.



Events to Consider

Volunteer Time and Mileage Tracking

Please remember to turn in your time and mileage tracking forms at the next General Council Meeting, or bring them to the office. Your donated time and travel are important match for our grants. Thank You!

Siuslaw Basin TMDL Development Project

This summer the SWC continued work on the Siuslaw Basin Total Maximum Daily Load (TMDL) Development Project. A TMDL sets an acceptable limit for water quality parameters such as bacteria, temperature and sediment. This summer, the SWC deployed 6 temperature loggers at sites on the upper Siuslaw and Lake Creek. These loggers collect continuous temperature data for nearly 3 months and provide useful information about water quality conditions. Another aspect of the project is collecting samples for bacteria, turbidity and salinity in the estuary. Estuary sampling will continue and the next events are scheduled for November and February. We would like to thank all of the volunteers that helped with sample collection and temperature logger deployment. If you are interested in volunteering on this or any of our monitoring projects contact Mike at 541-268-3044 or monitoring@siuslaw.org.



Native Conifers in the Spotlight: Sitka Spruce and Western Hemlock

<http://www.thinkquest.org/library/>



Sitka spruce (*Picea sitchensis*) are a common sight to coastal residents and visitors. These tall, spiky conifers prefer moist soils in the coastal fog belts. Sitka spruce are able to absorb nutrients from ocean spray through their needles. Full sun is ideal for Sitka spruce, although they can tolerate more shade than Douglas fir. The spruce weevil, an enemy of the Sitka spruce, does not fare well in the coastal fog belts, the cool and moist air do not allow the weevil's eggs to hatch. Although deer and elk will browse on them, Sitka spruce are not as popular food sources as other conifers.

Their spiky needles have white lines on the top and stick out from all sides on the twigs. As mature trees, Sitka spruce can reach up to 230 feet tall and 6-7 feet wide. Indigenous peoples consumed several parts of the Sitka spruce, including young shoots, roots, and the inner bark. If you live in the Coastal Lakes area, Florence, on the North Fork, or in the Mapleton area consider requesting and planting Sitka spruce in your riparian area with the 2009 Native Plant Distribution (NPD).

On the Coast, Sitka spruce often grow with Western hemlock. *Tsuga heterophylla* or Western hemlock have a wider range than Sitka spruce, they can be found from the Coast to the Cascades. Western hemlock prefer moist to dry soils and are shade tolerant. The needles are short, flat, spaced irregularly, and of different lengths. Western hemlocks are often recognized by their drooping leader and can grow to 200 feet tall.



The bark of Western hemlocks has a high tannin content and was historically used by native peoples for tanning and to dye fish nets. Parts of the trees were also used for a variety of medicinal purposes. Western hemlock are excellent for planting along streams or lakes in non-saturated areas. If you reside anywhere in the Siulsaw Watershed or Coastal Lakes area Western hemlock could be a good choice for planting through the 2009 NPD.

Start planning for the 2009 Native Plant Distribution

The SWC Native Plant Distribution (NPD) will be marking its ninth year this winter. Each year the number of riparian landowners who have added trees and plants to their stream and lakeside property has increased. As the years go by and the plants grow, salmon, amphibians, insects and other stream/streamside dwelling species will reap the benefits. Native riparian plantings can also increase property value for landowners.

In November we will begin taking requests for the free riparian trees and plants which will be distributed in February 2009. A mailing will go out in November containing the list of plants that we plan to have available. Start scoping out your land now for new or additional planting sites. Look at what native plants are already growing along the river, creek, or lake on your property. Knowing what is already successful can give you a hint of what more to add. For example, some plants such as Western Red Cedar, willow, or Black Cottonwood can tolerate wetter soils than Douglas Fir. If you have already planted many conifer in your riparian zone consider adding ferns and other shade tolerant under story plants. The book *Plants of the Pacific Northwest* provides detailed plant descriptions of common native plants, which can help you to make the best selection for your land.

For landowners or residents who are new to the watershed or unfamiliar with the program, please contact Ginger Cloutier for more information at nativeplants@siuslaw.org or 541-268-3044. Past participants are also welcome to contact Ginger with any questions.

Here is a sneak peak at some of the trees and plants that we plan to have on the NPD List in November: Western red cedar, Douglas fir, Western hemlock, Sitka spruce, Red alder, Big leaf maple, Black cottonwood, Douglas spiraea, Red osier dogwood, Peafruit rose, Oregon ash, Pacific crabapple, Pacific ninebark, Pacific willow, Vine maple, Ocean spray

Please do not call or email a request at this time. We will begin taking requests in November.

Water Quality Topic: Bacteria



One of the parameters that we test for monthly in our Volunteer Water Quality Monitoring Program is bacteria, specifically *E. coli* (*Escherichia coli*). A naturally occurring organism in the large intestines of mammals, the presence of *E. coli* is an indicator of the amount of animal waste material in a waterbody. *E. coli* is measured in Most Probable Number per 100 mL (MPN/100 mL), which is calculated after a 20-hour incubation process. The EPA considers a single sample of more than 235 MPN/100mL an unsafe level for humans. You can visit our website (www.siuslaw.org/monitoring) to see an interactive map of our monitoring sites with current and

historical data. If you have any questions or want more information on any of our monitoring programs contact Mike Sovinski at monitoring@siuslaw.org.

Upcoming Sampling Dates:

October 21st

November 18th

December 16th



Siuslaw Watershed Council Membership Form

Type of Membership:

Landowner _____ Community Member _____ Industry _____

Government Agency: _____ Tribal: _____

Name: _____ Today's Date: _____

Mailing Address: _____

Town: _____ State: _____ Zip Code: _____ Telephone: _____ E

-mail: _____

Please choose and circle any of the following:

- Tax-deductible membership enclosed (\$25 supporting, \$10 regular, \$0 students).
- Additional tax-deductible donation enclosed. Amount \$ _____
Direct to: General Fund Endowment Research Program (name): _____
 - Water Quality Monitoring Native Plant Distribution
 - Siuslaw Water Trail Outreach Events & Road Signs
 - Summer Watershed Camp Dirk-Edmunds Gift Fund
- We like to recognize our donors. Please check here if you do not wish to be acknowledged in our newsletter.
- I am interested in volunteer opportunities with the Siuslaw Watershed Council.

Thank you!

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Picnic Thank Yous

The Siuslaw Watershed Council would like to express our gratitude to the local merchants who donated raffle prizes and food for our August Volunteer & Project Partner Appreciation Picnic.

- Randy's Riverview Market, Mapleton
- Funky Monkey Toys, Old Town Florence
- Bicycles 101, Florence
- Balcony Gourmet, Old Town Florence
- Quinn at Studio W, Florence
- Terra Tech, Eugene
- Siuslaw River Coffee Roasters, Old Town Florence
- Morning Glory Farm, Walton



Thank you to everyone who participated in the picnic/potluck. We appreciate the volunteers who helped with setup, clean-up, and cooking.

Siuslaw Watershed Council Mission Statement

The Siuslaw Watershed Council supports sound economic, social and environmental uses of natural and human resources in the Siuslaw River Basin. The Council encourages cooperation among public and private watershed entities to promote awareness and understanding of watershed functions by adopting and implementing a total watershed approach to natural resource management and

• Community • Economy • Environment

S IUSLAW
WATERSHED COUNCIL

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What's Happening In Your Watershed?

November 2008