

Salish Sea Restoration Platform

An Open Knowledge Network
salishsearestoration.org

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A Story

Open Knowledge Networks
The Salish Sea Restoration Platform
The Craft Behind The Tool
Where to Go From Here

*Ecosystem stewardship
is amplified through
open knowledge networks*

Knowledge is Power

Where value is realized through use.

Maximize “public goods” through collective effort

Un-intermediated protocol for aggregation

Integrate into place-based action

Continuous synthesis (now through RAG/LLM!)



We Are All Knowledge Stewards

Graduate student synthesis

Agency white papers

Monitoring reports

Policy analysis

Symposia and conferences

Spatial assessments

System models

What is our shared system for managing knowledge to maximize value creation?



Beliefs Stories Rituals Taboos?

What are the necessary social mechanisms for open knowledge networks?

Belief in value of public goods

Centering shared needs

Risk tolerance

Trust



*What is my personal responsibility
as a carrier of knowledge?*

Tragic Beginnings

"The most beautiful peonies I ever saw were grown in almost pure cat excrement" - Kurt Vonnegut

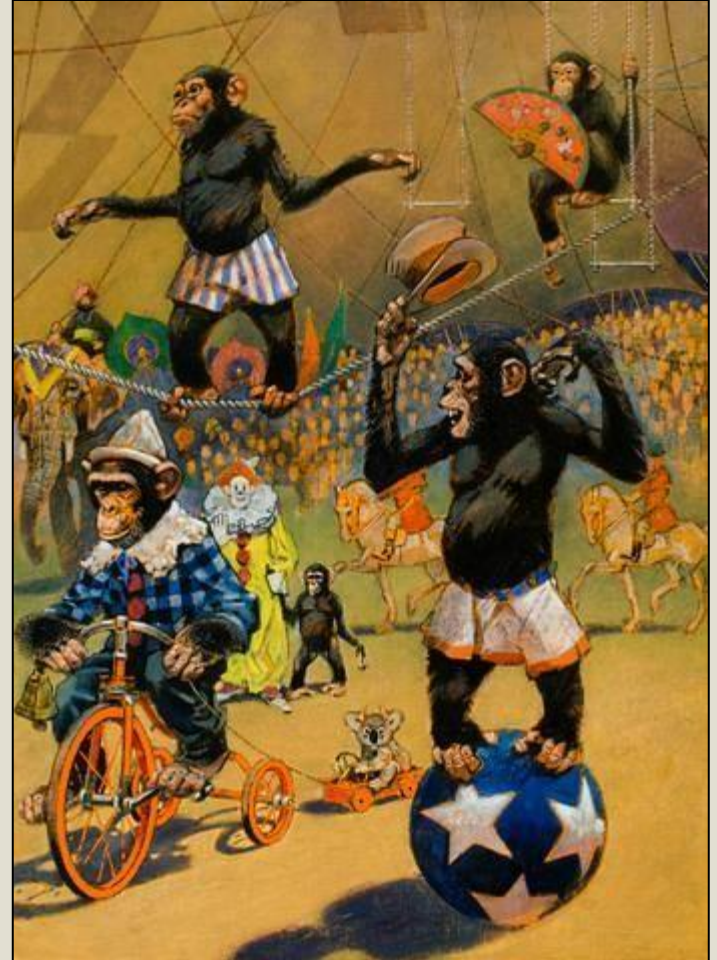
Lost archives

Retirement loss of knowledge

Redundant systems

No agency or university vision

ESRP learning program?



Wiki Wiki Web

**Accessibility with complete
transparency--responsibility in a
box**

Designed for multiple users

Complete version control

Front-End Administration

Lightweight Everything

Designed for Un-intermediation

Stable Links



Page Discussion

First Things First

- Home
- About the wiki
- Introduction
- Our Social Contract

The Framework

- HUMAN SYSTEMS
 - Workgroups
 - Efforts
 - Resources
 - Documents
 - Topics
 - Places
- ECOSYSTEMS
 - Headwaters
 - Lowland Watersheds
 - Floodplains
 - River Deltas
 - Embayments
 - Beaches
 - Rocky Headlands

Under the Hood

- All Pages
- All Categories
- All Files
- Multi-Category Search
- Terminology

Tools

- What links here
- Related changes
- Special pages
- Permanent link
- Page information



Welcome to Salish Sea Restoration

This website helps us work together on ecosystem restoration. We share resources, information and ideas under a shared [social contract](#). A wiki is a collection of interlinked web pages and documents. Any user can create and edit pages and share documents at any time. Our goal is to help other users find and synthesize sources of information.

 **Why a wiki?**

 **How does it work?**

Create a New User Account

Explore human system pages:

We work in human systems made of [workgroups](#) which use [resources](#) to complete [efforts](#) either building knowledge of [topics](#) or doing work in [places](#). All this effort results in lots of [documents](#).

Explore ecosystem pages:

We live in ecosystems where snow-fed [headwaters](#), and rain-fed [lowlands](#) collect into [floodplains](#) and then through river deltas to enter the Salish Sea ringed by a mix of [beaches](#), [embayments](#) and [headlands](#).

We Invite You to Join Us

Our goal is to empower people as stewards of the Salish Sea ecosystem. We aim to connect scientists, citizens, and public servants.

Scientists and Students

- Describe [sites](#) where you have specific knowledge or information.
- Share your findings
- Connect with others who have mutually beneficial information

Citizens

- Provide local knowledge of [places](#) and [places](#) in [places](#)
- Identify [work](#) and [work](#)
- Track down [work](#) and [work](#)

Conservation

- Post [documents](#) and [documents](#) otherwise generated
- Connect with [work](#) and [work](#)
- Build shared [work](#) and [work](#) kinds of [work](#) and [work](#)

10 Recent Edits

- ESRP/Regional Feasibility and Pre-design
- Delta Restoration and Agricultural Drainage Feasibility
- Stillaguamish Delta Restoration Pre-design
- Salmon Recovery
- Intensively Monitored Watersheds
- Floodplains by Design
- Puget Sound Partnership
- Restoration of Puget Sound River Deltas
- Three Crabs Restoration
- Puget Sound Characterization Project

5 New Documents

- Murcia et al 2014 novel ecosystem critique
- Sahandiy & Daily 2014 watershed provisions recommendations.pdf
- Cereghino 2014 delta consortium memo



The Platform Today

Only peer-to-peer knowledge management system in the Salish Sea

Open Access

Transparent


Accessable

Tested

Inexpensive

Reliable

Expandable



Salish Sea
Restoration
Platform
Connecting People to Ecosystems

Search Salish Sea Wiki

Menu

TOC

Personal

The Big Picture

The Social Contract

Workgroups

Efforts

Products

Topics

Places

For Editors

Administration

Toolbox

Discussion

Edit

Edit source

View history

Delete

Move

Change protection


Unwatch

Purge cache

Welcome to Salish Sea Restoration

This website is a peer-to-peer learning platform to support the stewardship of our lands and waters. Volunteer editors create and revise [Five Types of Pages](#) using our [Style Guide](#) under a shared [Social Contract](#). Each page is cross-linked and flagged with a system of [Categories](#). Using this platform anyone can share knowledge about what they know about ecosystem stewardship--the interface between social systems and ecosystems. We use knowledge to be more effective and efficient in supporting the regeneration of ecosystems. Regardless if you are north or south of our international boundary, we invite you to join in our effort.


Find your way by clicking on links or read more about [The Big Picture](#).



Continuous Improvement


The platform is always changing! Try our mobile skin. We now support structured data queries. [Sign Up For an Introductory Workshop](#) to learn more! Check out the [Development Log](#) and the [Development Roadmap](#) among other [Technical](#) topics.

Become a Contributor Today!



Beach Nourishment

Is small scale beach nourishment meaningful mitigation? (New cross-agency science synthesis).



SER Conference Poster!

Look at our conference poster promoting the platform at the SER North American Conference.

Networks of Pages

How do we store knowledge that describes a complex social-ecological system.

Compartmentalization!

Places - distinct nested geographies

Topics - academic subjects

Workgroups - people that work together

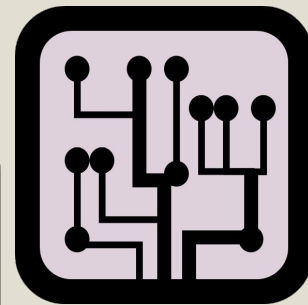
Efforts - actions in place or a purpose

Products - the outputs of efforts



Places

Topics



Workgroups



Efforts



Products

*How is technology necessarily
entwined with culture?*

Why no OKNs?

But we have the technology?

My agency is scared of open knowledge

Someone else will fix it

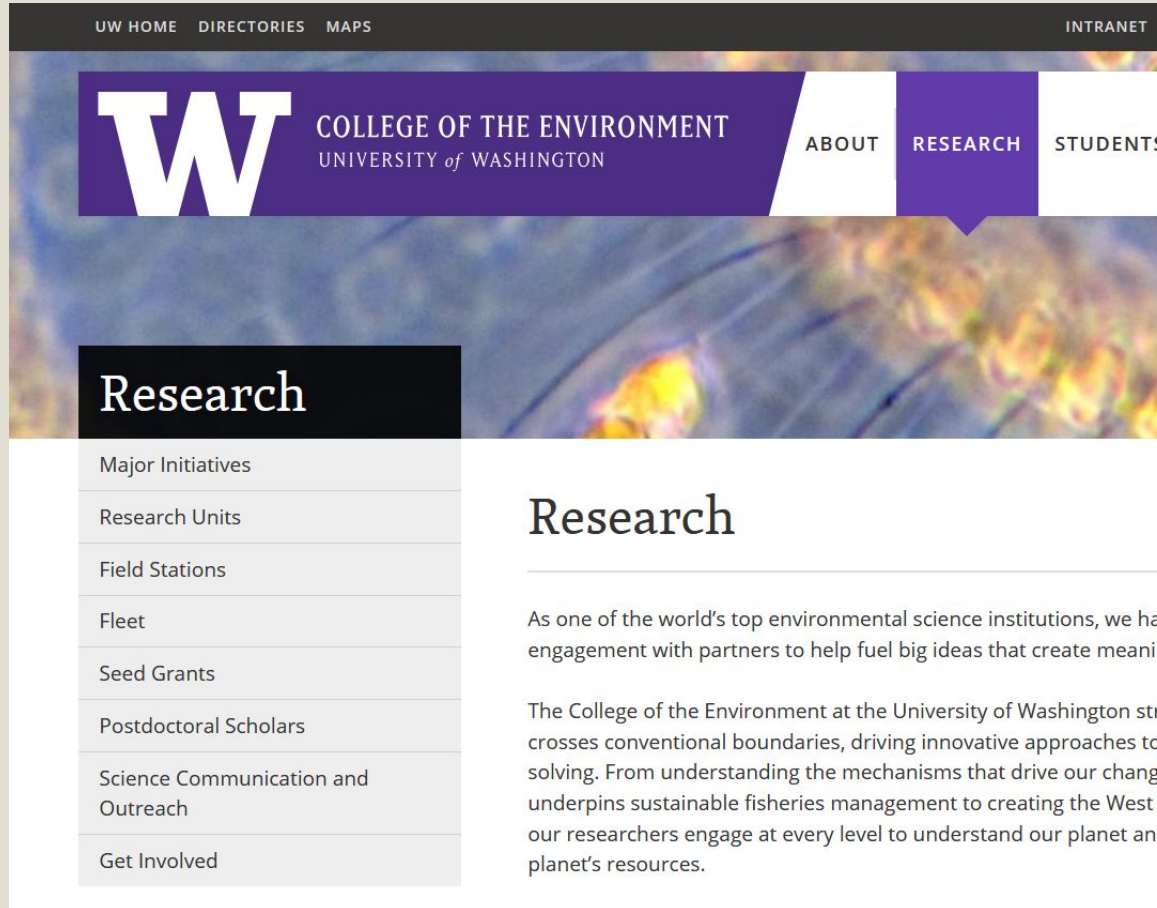
I don't want to be responsible

Bad actors will mess it up

I'll end up alone and foolish

Private knowledge makes me powerful

Maybe we can build something I can control?



The screenshot shows the top navigation bar with links: UW HOME, DIRECTORIES, MAPS, and INTRANET. The main header features the University of Washington 'W' logo and the text 'COLLEGE OF THE ENVIRONMENT UNIVERSITY of WASHINGTON'. Below this is a navigation menu with 'ABOUT', 'RESEARCH' (highlighted), and 'STUDENTS'. The 'Research' section is displayed with a large 'Research' title and a list of links: Major Initiatives, Research Units, Field Stations, Fleet, Seed Grants, Postdoctoral Scholars, Science Communication and Outreach, and Get Involved. To the right, there is a 'Research' title followed by two paragraphs of text.

UW HOME DIRECTORIES MAPS INTRANET

W COLLEGE OF THE ENVIRONMENT
UNIVERSITY of WASHINGTON

ABOUT **RESEARCH** STUDENTS

Research

- Major Initiatives
- Research Units
- Field Stations
- Fleet
- Seed Grants
- Postdoctoral Scholars
- Science Communication and Outreach
- Get Involved

Research

As one of the world's top environmental science institutions, we have a long history of engagement with partners to help fuel big ideas that create meaningful change.

The College of the Environment at the University of Washington straddles conventional boundaries, driving innovative approaches to solving. From understanding the mechanisms that drive our changing climate to underpins sustainable fisheries management to creating the West Coast's first marine protected area, our researchers engage at every level to understand our planet and protect its resources.

Disintermediate Integrate Re-intermediate

*Accessibility married to complete
mutual surveillance--responsibility
in a box*

Knowledge is distributed

Integrate with synthesis/bulk upload

Funded as part of project outreach

Then RAG/LLM Facilitation



Today

*Only unintermediated peer-to-peer
knowledge management system
ever created in the Salish Sea*

Social Contract

Transparency

Flexible Stewardship

Integrated Piece-meal Funding

Common-Pool Resource



Participate

How can one participate?

Independant Users

Sign up now!

Supported Partners

Build out a domain?

Use SER Interns?

Managing Partners

Make a proposal.



Questions?
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Thank you!

WA Dept of Fish and Wildlife

NOAA Restoration Center

Puget Sound Partnership

Thurston Conservation District

Society for Ecological Restoration NW