



Western Washington University  
**Western CEDAR**

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Salish Sea Ecosystem Conference

2014 Salish Sea Ecosystem Conference  
(Seattle, Wash.)

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Apr 30th, 1:30 PM - 3:00 PM

## Elements of Success: Lessons from a Decade of Restoration Project Identification, Cultivation and Implementation

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Davis, Shannon W.; Whitman, Tina; and Buffum, Stephanie, "Elements of Success: Lessons from a Decade of Restoration Project Identification, Cultivation and Implementation" (2014). *Salish Sea Ecosystem Conference*. 36.

<https://cedar.wwu.edu/ssec/2014ssec/Day1/36>

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# Elements of Success:

*Lessons from a Decade  
of Shoreline Habitat  
Restoration Project  
Identification, Cultivation  
and Implementation*



**Shannon Davis and  
Tina Whitman,  
Friends of the San Juans**

*Photo by Andrew Reding*

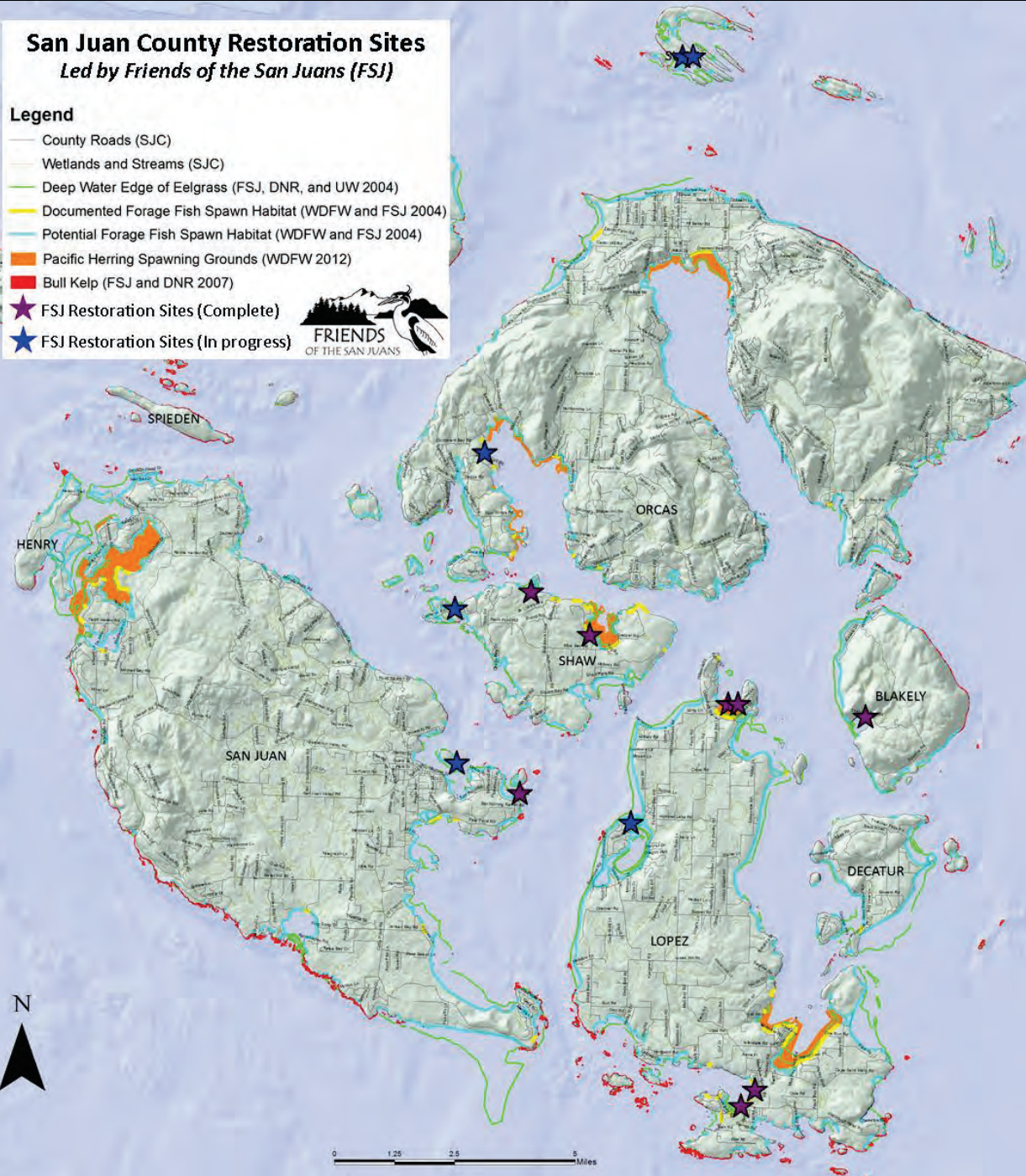


# San Juan County Restoration Sites

Led by Friends of the San Juans (FSJ)

## Legend

- County Roads (SJC)
- Wetlands and Streams (SJC)
- Deep Water Edge of Eelgrass (FSJ, DNR, and UW 2004)
- Documented Forage Fish Spawn Habitat (WDFW and FSJ 2004)
- Potential Forage Fish Spawn Habitat (WDFW and FSJ 2004)
- Pacific Herring Spawning Grounds (WDFW 2012)
- Bull Kelp (FSJ and DNR 2007)
- ★ FSJ Restoration Sites (Complete)
- ★ FSJ Restoration Sites (In progress)





# Lesson's Learned - Outline

- 🐟 **Prioritization**
- 🐟 **Professional Education**
- 🐟 **Outreach & Education**
- 🐟 **Landowner Engagement**
- 🐟 **Identification**
- 🐟 **Cultivation**
- 🐟 **Implementation**
- 🐟 **Post Project**



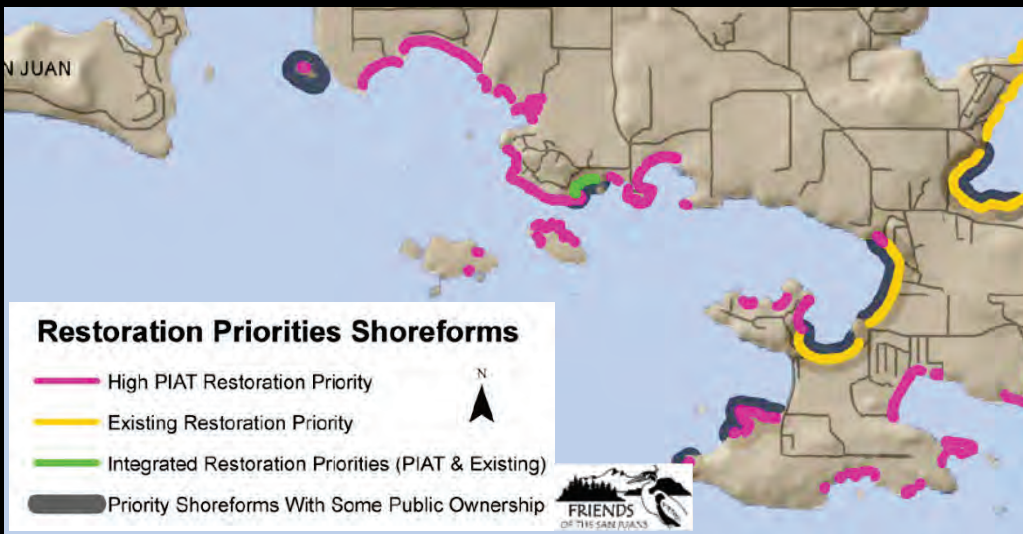


# Prioritization



## Legend

- Armor Restoration Priority
- Groin Restoration Priority
- ▲ Improved Boat Ramp Restoration Priority
- Roads
- Armoring
- Groin
- Marine Railway
- ▲ Improved Boat Ramp
- Known Forage Fish Spawn Habitat
- Potential Forage Fish Spawn Habitat
- Deep Water Edge Eelgrass
- Herring Spawning Grounds



## Restoration Priorities Shoreforms

- High PIAT Restoration Priority
- Existing Restoration Priority
- Integrated Restoration Priorities (PIAT & Existing)
- Priority Shoreforms With Some Public Ownership





# Professional Education/ Trainings



*Public Works Staff*



*Planning Dept. Staff*



*Contractors/ Land Managers*



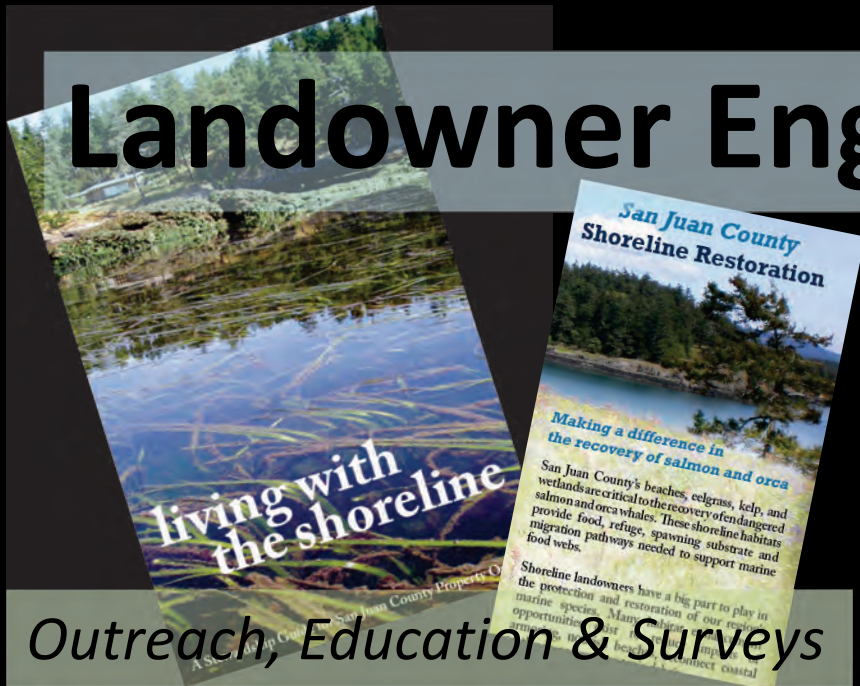
*Realtors*



**FRIENDS**  
OF THE SAN JUANS



# Landowner Engagement



*Outreach, Education & Surveys*



*Neighborhood Meetings*



*Expert Site Visits*





# Identification



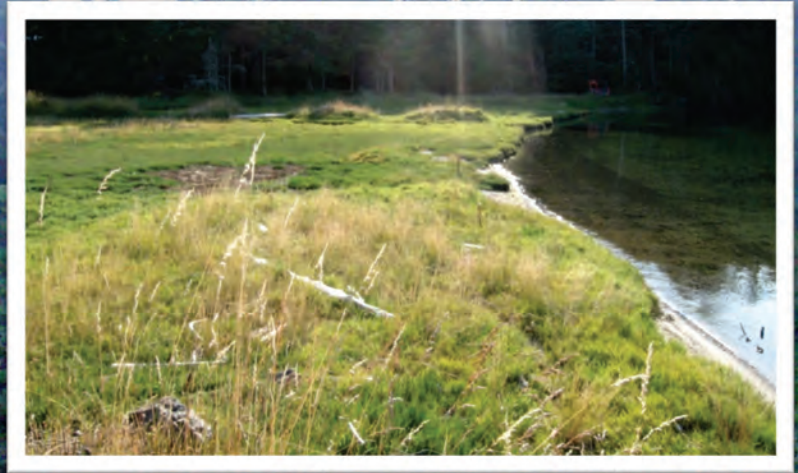
## Forage Fish Beach Restoration

*Funded by: The USFWS & The Russell Family Foundation*





# Cultivation



## Salt Marsh Restoration

*Funded by: WA State Salmon Recovery Funding Board*





# Design



## Forage Fish Beach Restoration

*Partner: Landowner* *Funded by: SRFB & Landowner*





# Partnerships



## Beach Nourishment Along Road

*Partner: SJC Public Works*

*Funded by: SRFB & WA Dept. of Ecology Coastal Protection Fund*



8-000-24-88-10



# Implementation



## Estuarine Wetland Restoration

*Funded by: WA State Salmon Recovery Funding Board*





Patience...



## Creosote dock and rock removal

*Partners: WA Dept. of Natural Resources & Landowner, the Tulalip Tribes*  
*Funded by: SRFB & WA Dept. of Natural Resources*





# Post Project Lessons Learned



**Salt Marsh and Pocket Beach Restoration**

*Funded by: The USFWS & The Landowner*





# Questions?



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