Apr 4th, 3:30 PM - 3:00 PM

Using traditional ecological knowledge to protect wetlands: the Swinomish Tribe's Wetlands Cultural Assessment Project

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Using Traditional Ecological Knowledge To Protect Wetlands
The Swinomish Tribe’s Wetland Cultural Assessment
Todd Mitchell swelítub & Nicole Casper

Session #12.B: Policy, Management, and Regulations Towards Resilience Through a Socio-Economical Paradigm
Salish Sea Ecosystem Conference, Seattle, WA, April 4, 2018
Wetland Protection
Swinomish Wetlands

WETLAND ASSESSMENT

Physical Rating Value

8

7

21

Wetlands

Physical Module

Storm Control

Flow Support

Erosion Protection

WQ

Biological Module

Overall Habitat

Cultural Module

High Med Low Value
Swinomish Traditional Plant Uses

Botanical Surveys

Complete Species List for each wetland

Cultural module score is based on # of plant species in a wetland

Construction/ Household

Medicine

Food

Spiritual

Common Use

Rarity

High Med Low Value
Wetland Assessment Ratings

Physical Rating Value

Wetlands

Botanical Surveyed

Reference Wetland

Not Botanical Surveyed

Physical Module

Cultural Module

Physical + Cultural Rating Value

High

Med

Low

Value
Wetland Management

- High
- Med
- Low
Traditional Plant Uses Book - Future

maples (similar to decorative wild wood ferns, but finer) is boiled with either salmonberry bark or with the bark of

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