Habitat Restoration

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Nearshore marine and riparian zone restoration efforts throughout the Salish Sea are a crucial component for the recovery, preservation, and ecological linkage of marine fish, shellfish, and wildlife habitats. Habitat degradation from shoreline armoring, inadequate culverts and urban development have detrimental impacts on the survival of salmonids and forage fish as well as limiting vegetation diversity. Well designed and planned restoration projects can repair disturbed marine and riparian habitat and facilitate increased overall biodiversity. Presentations in this session addressed restoration site selection, planning and design considerations, pre and post restoration modeling and monitoring, and methods to evaluate the overall ecological function of plant and animal communities at restoration sites.

PRESENTATIONS:

Assessing the influence of wave-induced bed shear stresses on tidal marsh colonization potential
Paper SSE1-354
Time: 10:00 AM - 10:15 AM
Author(s): Astrid Vargas, Moffatt & Nichol (United States)

New Brighton shoreline habitat restoration project
Paper SSE1-136
Time: 10:15 AM - 10:30 AM
Author(s): Mike Tranmer, Moffatt & Nichol (Canada)

Marine shoreline armor in King County, 2005-2015
Paper SSE1-39
Time: 10:30 AM - 10:45 AM
Author(s): Alexis Henry, Kollin Higgins, King County (United States)

Seahurst Park beach restoration: Phase II
Paper SSE1-13
Time: 10:45 AM - 11:00 AM
Author(s): Beth McCasland, U.S. Army Corps of Engineers (United States)

Plant community and nutrient development within four estuary restoration sites in Kitsap County, Washington
Paper SSE1-141
Time: 11:00 AM - 11:15 AM
Author(s): Shannon Call, Jenise M. Bauman, Western Washington Univ. (United States)

Newaukum Creek riparian protection and restoration
Paper SSE1-172
Time: 11:15 AM - 11:30 AM
Author(s): Josh Kahan, King County Water and Land Resources Division (United States)