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Work Experience

Marine and Nearshore Program Manager – 2011- Present
Natural and Cultural Resources Department
Tulalip Tribes

Coastal Geographer/GIS Analyst – 2004 - 2011
Natural and Cultural Resources Department
Tulalip Tribes

GIS Analyst - 2002 - 2004
Natural and Cultural Resources Department
Tulalip Tribes

GIS/Environmental Specialist – 2000 - 2002
Environmental Department
Sauk-Suiattle Indian Tribe

Education

Bachelor of Arts in Geography & Environmental Studies, Bucknell University 1998.

Professional Affiliations

Coastal and Estuarine Research Federation

Committees

Port of Everett Mitigation Restoration Steering Committee

USGS Whidbey Basin GAP Analysis Steering Committee

Washington State Climate Advisory Team Coastal and Infrastructure Preparation and Adaptation Working Group

Island County Salmon Technical Advisory Group, Co-Chair.

San Juan County Salmon Technical Advisory Group

Projects completed

Co-Investigator – Pre and Post Restoration Monitoring of the Qwuloolt Restoration Project in the Snohomish River Estuary.

Lead Investigator – Investigation into the use of small non-natal coastal streams in the Whidbey Basin by juvenile Chinook.

Project Manager – Development and implementation of LiDAR derived ArcHydro data model of Tulalip Reservations hydrography.

Lead Mapper - Intertidal Habitat Mapping: Point Wells to Kayak Point

Project Manager – Tulalip Shoreline bluff Landslide Inventory

Tulalip Tribes Lead – Whidbey Basin Juvenile Salmon Use of Pocket Estuaries Study

Project Manager – Inventory and Water Quality Assessment of Tulalip Tribes Shoreline.

Assistant Project Coordinator – Delineating Potential Mountain Goat Habitat in Washington State's North Cascades Mountain Range.

GIS Technician - Development of GIS Database for Sauk Suiattle Indian Tribe

GIS Analyst - Northwest Indian Fisheries Commission Pilot Project, Modeling Anadromous Smolt Habitat Production on the South Fork of the Nooksack River

Reports/Publications/Technical Documents

Beamer, E.M., W.T. Zackey, D. Marks, D. Teel, D. Kuligowski, and R. Henderson. 2013. Juvenile Chinook salmon rearing in small non-natal streams draining into the Whidbey Basin. Skagit River System Cooperative, LaConner, WA.
http://skagitcoop.org/wp-content/uploads/EB2752_Beamer-et-al_2013.pdf

Beamer, EM, A McBride, R Henderson, J Griffith, T. Zackey et al. 2006. [Habitat and fish use of pocket estuaries in the Whidbey basin and north Skagit County bays, 2004 and 2005](#).

Chamberlin, J.W., Hall, J., Zackey, W.T. et al. Spatial and Temporal Variability in Chinook Salmon Abundance Reflects Opportunity to Support Life History Diversity in an Estuarine Landscape. Estuaries and Coasts 45, 882–896 (2022). <https://doi.org/10.1007/s12237-021-00994-3>

Chamberlin, J.W., Zackey, W. T., Spidle, A., Seamons, T., Crewson, M., and Totman, M., 2022. Population-specific distribution, individual growth, and residency of juvenile Chinook salmon in the Snohomish estuary. ESRP Report.

Gerstel, Wendy; Zackey, W. Todd, 2005. Landslide Inventory and Geologic Mapping for the Tulalip Tribes Reservation Shoreline. Technical Report for the Tulalip Tribes, Sound GeoServices 1802 Pine Ave. NE Olympia, WA 98506

Greene, C. M., E. Beamer, J. Chamberlin, G. Hood, M. Davis, K. Larsen, J. Anderson, R. Henderson, J. Hall, M. Pouley, T. Zackey, S. Hodgson, C. Ellings, and I. Woo. 2020. Landscape, density-dependent, and bioenergetic influences upon Chinook salmon in tidal delta habitats: Comparison of four Puget Sound estuaries. ESRP Report 13-1508.

Jason E. Hall, Tarang P. Khangaonkar, Casimir A. Rice, Joshua Chamberlin, Todd Zackey, Frank Leonetti, Michael Rustay, Kurt Fresh, Anna Kagley, and Mindy Rowse "Characterization of Salinity and Temperature Patterns in a Large

River Delta to Support Tidal Wetland Habitat Restoration," Northwest Science 92(1), (1 January 2018).
<https://doi.org/10.3955/046.092.0105>

Kagley, A, T Zackey, K Fresh, EM Beamer. 2007. [Juvenile salmon and nearshore fish use in shoreline and lagoon habitat associated with Elger Bay, 2005-2007.](#)

Rice, Casimir, J Chamberlin, J Hall, T Zackey, J Schilling, J Kubo, M Rustay, F Leonetti, G Cuntenspergen. 2014. Monitoring Ecosystem Response to Restoration and Climate Change in the Snohomish River Estuary: Field operations and data summary. NOAA NWFSC Mulkiteo Research Station, Mulkiteo, WA.

Zackey, W. Todd, 2005. Quality Assurance Project Plan: Tulalip Reservation Marine Water Quality Monitoring and Investigation, and Arc Hydro Data Model Creation and Implementation. The Tulalip Tribes, Tulalip, WA.

Zackey, W Todd, Nelson, Kurt, & Eastman, Harvey. 2005. Tulalip Reservation Shoreline Water Quality Assessment and Mapping Report, Tulalip Natural Resources Department Technical Report 04-05. The Tulalip Tribes, Marysville, WA

Zackey, W. Todd. 2006. Tulalip Reservation Nearshore Atlas. Tulalip Natural Resources Department Digital Atlas. The Tulalip Tribes, Marysville, WA

Zackey, W. Todd. 2010. Tulalip Tribes Water Quality Monitoring Strategy. The Tulalip Tribes, Tulalip, WA.

Zackey, W. Todd. 2009. The Tulalip Tribes Reservation Water Quality Monitoring Quality Assurance Project Plan. The Tulalip Tribes, Tulalip, WA.