**William Matsubu**

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# Education

2013 – 2019 Ph.D., School of Aquatic and Fishery Sciences

University of Washington, Seattle, WA

Advisor: Prof. Charles Simenstad

2006 – 2010 B.S., Fisheries Biology, Emphasis in Marine Fisheries,

Minor in Applied Statistics

Humboldt State University, Arcata, CA

# Research and Work Experience

Blue Lake Rancheria Tribe, Blue Lake, CA Feb. 2023 – Present

Environmental Director

Work: Manage environmental program for a Native American Tribe

North Coast Regional Water Board, Santa Rosa, CA April. 2022 – Present

Appointed Board Member

Wiyot Tribe, Loleta, CA Dec. 2021 – Feb. 2023

Fisheries Biologist

Work: Environmental advocacy and protect culturally important fishes

Matsubu Construction, Eureka, CA Feb. 2020 – December

Operator/Environmental Compliance

Work: Swimming Pool Excavation Experts

National Research Council, Hammond, OR July 2019 – Feb. 2020

Postdoctoral Research Associate

Research: Distribution of salmon off the coast of Washington

School of Aquatic and Fishery Sciences, Seattle, WA Sep. 2013 – June 2019

Research Assistant

Research: Tradeoffs of juvenile steelhead (*Oncorhynchus mykiss*) rearing in an intermittently closed estuary, northern CA

School of Aquatic and Fishery Sciences, Seattle, WA April 2017 – June 2017

Teaching Assistant

FISH 311 – Biology of Fishes

Sonoma County Water Agency, Santa Rosa, CA. April 2011 – Sep. 2013

Natural Resources Program Assistant

Research: Assisted in satisfying Biological Opinion by monitoring ESA listed salmonids throughout the Russian River Watershed.

California Sea Grant, Santa Rosa, CA. Dec. 2012 – July 2013

Research Associate

Research: Monitoring ESA listed Central California Coast Coho (*Oncorhynchus kisutch*) complimentary to the Russian River Captive Bloodstock Program in the Russian River Watershed.

University of California Santa Cruz, Santa Cruz, CA. Jan. 2010 – October 2010

Squid Assistant/Laboratory Technician II

Research: Foraging ecology and movement patterns of jumbo squid (*Dosidicus gigas*).

California Sea Grant, Santa Cruz, CA. May 2009 – Aug. 2009

John D. Isaacs Marine Undergraduate Research Assistant

Southwest Fisheries Science Center, Santa Cruz, CA. May 2008 – Aug. 2008

Research Intern

Humboldt State University, Arcata, CA. Sept. 2007 – Aug. 2010

Research Vessel Deckhand/Scientific Crew

Ocean Beauty Seafoods, Naknek, AK. May 2007 – Aug. 2007

Lead Quality Control Technician

# Peer-reviewed Publications

Field, J. C., Elliger, C., Baltz, K., Gillespie, G. E., Gilly, W. F., Ruiz-Cooley, R. I., Pearse, D., Stewart, J. S., **Matsubu, W**., Walker, W. A. (2013). Foraging ecology and movement patterns of jumbo squid (*Dosidicus gigas*) in the California Current System. Deep Sea Research Part II: Topical Studies in Oceanography.

David, A. T., Goertler, P. A. L., Munsch, S. H., Jones, B. R., Simenstad, C. A., Toft, J. D., Cordell, J. R., Howe, E. R., Gray, A., Hannam, M. P., **Matsubu, W**., Morgan, E. E. (2016). Influences of Natural and Anthropogenic Factors and Tidal Restoration on Terrestrial Arthropod Assemblages in West Coast North American Estuarine Wetlands. Estuaries and Coasts.

**Matsubu, W**., C. A. Simenstad, and G. E. Horton. (2017). Juvenile Steelhead Locate Cold-Water Refugia in an Intermittently Closed Estuary. Transactions of the American Fisheries Society.

Boughton, D., Larson, E., Horton, G. E., Larson, E., **Matsubu, W**., & Simenstad, C. (2017). Spatial Structure of Water-Quality Impacts and Foraging Opportunities for Steelhead in the Russian River Estuary: An Energetics Perspective. U.S. Dept. of Commerce, NOAA Tech. Memo.

Tillotson, M. D, Arostegui, M. C., Austin, C. S., Lincoln, A. E., **Matsubu, W**., & Quinn, T. P. (2021) Challenges in the Identification and Interpretation of Phenological Shifts: Anthropogenic Influences on Adult Migration Timing in Salmonids, Reviews in Fisheries Science & Aquaculture.

**Select Presentations**

**Matsubu, W**., 2022 Wiyot Natural Resource Departments Past, Present, and Future Lamprey Research and Restoration. *Empowering Indigenous Environments (***Invited Speaker***).* Loleta, CA

**Matsubu, W**., 2019. Nearshore and Vertical Distribution of Salmon off the Coast of Washington. *2019* *North West Fisheries Science Center Monster Jam (***Invited Speaker***).* Seattle, WA.

**Matsubu, W**., Simenstad, C. A. 2018. Is the estuary half empty or half full? Foraging opportunities in an intermittent estuary. *2018* *Pacific Estuarine Research Society.* Everett, WA.