

Maria M Kaniewski

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BACKGROUND

Self-motivated Biologist with Bachelor's degree in biological science, pursuing a second Bachelor's degree in Environmental Studies, and over 5 years of professional working experience in fish management and research related to the commercial fishing industry. Multiple years of advanced professional experience with database management including Microsoft Access, Excel, and Word. Proficient, personable, and adept at fostering positive working relationships, strong ability to lead, coordinate, and manage projects. Eager to begin graduate education, in Environmental Studies, to further my career in conservation.

EDUCATION and TRAINING

2022-PRESENT: BACHELOR'S DEGREE, ENVIRONMENTAL STUDIES | THE EVERGREEN STATE COLLEGE
(GRADUATION IN JUNE 2023)

2014-2016: BACHELOR'S DEGREE, BIOLOGICAL SCIENCE | STATE UNIVERSITY OF NY (SUNY) BINGHAMTON

2013-2014: ASSOCIATES DEGREE, MATH AND SCIENCE | CORNING COMMUNITY COLLEGE

SKILLS

Computer and Technical

- Database development and management demonstrating advance experience with Microsoft Access, Microsoft Excel, Twilio, Drupal, WordPress, iForms, Atlas; Intermediate statistical program experience with Program R and Microsoft Excel; Advanced experience with Microsoft Word Spreadsheet and Document processing, Windows and Mac operating systems, ability to quickly learn and develop new software for use in scientific research and management.

Research and Statistical Data Analysis

- Quantitative data summary analyses pertaining to commercial fisheries data collection; Experience with linear model regression of commercial fisheries data; Development of iForm and associated database for in field data collection, and real time management; Personal development of Program R skills for efficient database management and analysis.

Management and Communication

- Project coordination, including scheduling, training staff, and monitoring; Project planning and development; Website development and improvement; Project presentation; Field and Experimental study design; Weekly constituent communications through email, website, and text.

Intergovernmental Collaborations

- Collaborating and communicating with fishing industry, state and federal agencies, and tribal biologists, conducting projects with tribal and non-tribal biologists, such as developing research and test fisheries, participation in North of Falcon process and weekly co-management meetings, management and maintenance of chum scale age database which is shared and utilized across agencies.

Biological and Field

- Handling and processing salmon on commercial fishing vessels using established protocols; Commercial salmon fisheries monitoring techniques, including netting, scale and genetic data collection, clipping, and measuring; Spatial data vessel collection using onboard and handheld GPS; Salmon species identification and life history in the field and lab; Salmon Scale analysis; Coded Wire Tag retrieval experience; Marine climate monitoring (tides, temperature, wind speed)

PROFESSIONAL WORKING EXPERIENCE

SEPTEMBER 2022 – PRESENT : FISH AND WILDLIFE BIOLOGIST II – COMMERCIAL SALMON DATA SUPPORT SPECIALIST | INTERGOVERNMENTAL SALMON MANAGEMENT DIVISION, WA DEPT OF FISH AND WILDLIFE

- Collaborate with intergovernmental biologists reviewing and updating commercial fishing regulations
- Manage database regarding chum salmon scales, age, and biological data used for escapement goal modeling
- Manage and monitor multiple catch databases for real time management of commercial fisheries
- Review and update Standard Operating Procedures for commercial salmon management
- Personally develop an electronic data collection application using iForm for commercial salmon sampling
- Independently kick start using Twilio, a text communication company, to send in-season notices to constituents
- Collaborate, review, and present presentations to commercial constituents

2021 – 2022, 1 YEAR: SCIENTIFIC TECHNICIAN II – COMMERCIAL DATA QUICK REPORTER | INTERGOVERNMENTAL SALMON MANAGEMENT DIVISION, WA DEPT OF FISH AND WILDLIFE

- Collaborate with division biologists with fish management and research related data tasks
- Receive and input quick-reported commercial catch data that is complete, analyzed for accuracy, and error free
- Maintain and query real time catch data for in-season management of commercial salmon fisheries
- Assist Biological Data Systems staff, Coded Wire Tag lab staff, and Scale lab staff with research related tasks
- Review and present post-season presentations to commercial constituents
- Coordinate with WDFW program managers, commercial fishers, captains, tenders, dealers, and tribal agencies

2019 – 2021, 2 YEARS: OFFICE ASSISTANT II | PIERCE COUNTY SHERIFF'S DEPARTMENT

- Data retrieval and entry of sensitive personal identifiable information including court documents
- Cooperate with county, state, tribal, and federal agencies to uphold California Megan's Law and WA v. Batson

2019, 3 MONTHS - SCIENTIFIC TECHNICIAN II - FISHERY OBSERVER | WA DEPT OF FISH AND WILDLIFE

- Collect biological data such as scales, counts, genetic punches and set locations while aboard fishing vessels
- Work with Northwest Indian Fish Commission staff aboard test fishery to collect in-season data
- Conduct at-sea transfers from research vessel to fishing vessels, trailering, docking, and vessel maintenance

2017 – 2019, 2 YEARS: COMMERCIAL DATA MANAGER/PURSER | OCEAN PEACE INC (OPI)

- Retrieve observer data for entry, extrapolation, and quality assurance to adhere to Amendment 80 policy
- Distribute daily catch, production, and NMFS' EFP compliance reports to company, state, and federal agencies
- Operate as the head medical officer, establish vessel emergency procedures, and conduct monthly drills

2016 – 2017, 1 YEAR: NORTH PACIFIC COMMERCIAL GROUND FISH OBSERVER | ALASKAN OBSERVERS INC (AOI)

- Collect biological data aboard commercial fishing vessels over multiple deployments exceeding 70 days
- Sound understanding of Magnuson-Stevens Act, Marine Mammal Protection Act, and the Endangered Species Act
- Special projects include participating in NMFS' EFP Halibut program and stomach collection project

PRESENTATIONS

- Fish Management, WDFW, Puget Sound Wide Scale Collection and Data Needs
- Fish Management, WDFW, Puget Sound Commercial Salmon 2021 Post-Season Report
- Fish Management, WDFW, Puget Sound Commercial Salmon Pre-Season Forecasts and Report

CERTIFICATIONS

- STCW Medical Emergency at Sea Certified, Seattle, WA

REFERENCES

Dr. Mickey Agha, PhD, Statewide Salmon Science and Policy Analyst

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