

Michael J. Malick

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Education

M.S. University of Alaska Fairbanks, Fisheries Biology: 2008, GPA: 4.00

Thesis: Variable Effects of Biological and Environmental Processes on Coho Salmon Marine Survival in Southeast Alaska (Advisor: Dr. Milo D. Adkison)

B.S. Mansfield University, Fisheries Biology: 2006, GPA: 3.95 (summa cum laude)

Minor: Chemistry

Senior Thesis: The Influence of Climatological Factors on the Migration Timing of Sockeye Salmon into Freshwater (Advisor: Dr. Richard W. Soderberg)

Independent Research: Chemical and Biological Study of the Tioga River (Advisor: Dr. Gregory A. Carson)

Publications

Malick, M.J., M.D. Adkison, and A.C. Wertheimer. In press. Variable effects of biological and environmental processes on coho salmon marine survival in Southeast Alaska. Transactions of the American Fisheries Society.

Certifications

American Fisheries Society Associate Professional: 2007 – Present

Work Experience

Fisheries Research Associate: University of Alaska Fairbanks, Juneau, AK: 2008 – Present

- Dataset assembly and organization
- Biometric analyses using R
- Manuscript Preparation

Research Assistant: University of Alaska Fairbanks, Juneau, AK: 2006 – 2008

- Dataset assembly and organization
- Biometric analyses using EXCEL, VBA, and R
- Statistical model construction
- Manuscript Preparation

Fisheries Technician: Wyoming Game & Fish Department, Laramie, WY: 2006

- Fish sampling using backpack electro-fishing, raft electro-fishing, seining, gillnets, trap nets, and trammel nets
- Habitat mapping and rotenone treatments

Volunteer Fisheries Technician: USFWS, King Salmon, AK: 2004

- Remote field camp and salmon weir construction and maintenance
- Salmon counts both manually and using underwater motion detection cameras

Presentations

Malick, M.J., L. Haldorson, J.J. Piccolo. Characterizing Habitat Specific Size, Condition, and Growth of Juvenile Pink Salmon in the Northern Gulf of Alaska. Salmon Ocean Ecology Annual Meeting, Juneau, AK. April 7, 2009.

Malick, M.J., M.D. Adkison, and A.C. Wertheimer. Variable Effects of Biological and Environmental Processes on Coho Salmon Marine Survival in Southeast Alaska. Salmon Ocean Ecology Annual Meeting, Juneau, AK. April 7, 2009.

Malick, M.J. Variable Effects of Hatchery Pink and Chum Salmon on Coho Salmon Marine Survival in Southeast Alaska. University of Alaska Chapter, Juneau Subunit, American Fisheries Society Annual Meeting, Juneau, AK. April 14, 2008.

Malick, M.J., M.D. Adkison, and A.C. Wertheimer. The Influence of Physical and Biological Factors on Coho Salmon Marine Survival in Southeast Alaska. Alaska Chapter American Fisheries Society Annual Meeting, Ketchikan, AK. November 15, 2007.

Poster Presentations

Malick, M.J., C. Oppel, R. Sweater, and G. Carson. Chemical and Biological Study of the Tioga River. Pennsylvania Academy of Science Annual Meeting, Pittsburg, PA. March 26, 2004.

Professional Services

Secretary: AFS Student Subunit, University of Alaska Fairbanks: 2007 – 2008

Reviewer: Transactions of the American Fisheries Society

Reviewer: North Pacific Anadromous Fish Commission

Awards & Honors

Certificate of Recognition for Academic Achievement in Biology: 2005 – 2006

Stanley Henry Nauman Scholarship for Academic Excellence in Fisheries: 2005 – 2006

Certificate of Accomplishment for Grantsmanship: 2003 – 2004

Professional Memberships

American Fisheries Society

The Ecological Society of America

American Statistical Association

American Association for the Advancement of Science