

Quarterly Article Search: April-June 2026
Columbia Basin Fish & Wildlife Library

Abbott, M. M., D. A. Boughton, S. M. Carlson, A. H. Dittman, M. Kamran, J. D. Kiernan, T. H. Williams, P. Weiss, and E. P. Palkovacs. Wildfire interacts with land cover to influence mercury concentrations in juvenile steelhead (*Oncorhynchus mykiss*) in coastal California watersheds. Canadian Journal of Fisheries and Aquatic Sciences 83:1-13 <https://doi.org/10.1139/cjfas-2025-0357>

Species: Steelhead

Location: Central California coast

Other Keywords: Wildfires, bioaccumulation

Alexander, J. D., T. T. Daley, D. H. Goodman, J. Bartholomew, H. E. Robinson, and N. A. Som. 2026. Discharge magnitude drives interannual variation in distribution of the invertebrate host *Manayunkia occidentalis* of the salmon parasite *Ceratonova shasta*. Transactions of the American Fisheries Society 155(3):309-322. <https://doi.org/10.1093/tafafs/vnag003>

Species: Chinook salmon

Location: Klamath River

Other Keywords: Myxozoan parasite, salmon diseases

Auerbach, D. A., K. B. Pierce, K. Muir, K. Folkerts, R. Hale, K. A. Whittaker, S. Des Roches, D. Lazarus, and J. Withey. 2026. High-resolution assessment of riparian impervious cover across watersheds to inform land use policy and management. Sustainability 18(10):5141. <https://doi.org/10.3390/su18105141>

Species: n/a

Location: White and Puyallup Rivers, Washington

Other Keywords: Riparian ecosystem, land cover change, urban water management

Baldock, J. R., W. C. Rosenthal, R. K. Al-Chokhachy, M. R. Campbell, C. E. Wagner, and A. Walters. 2026. Riverscape heterogeneity shapes population diversity for a migratory fish. Ecological Applications 36(4):e70247. <https://doi.org/10.1002/eap.70247>

Species: Yellowstone cutthroat trout

Location: Snake River, Wyoming

Other Keywords: Habitat patches, genetic stock identification, life history diversity

Bennett, S. N., E. Keksi, E. Crawford, J. Neuswanger, and N. Bouwes. 2026. Intensive monitoring of an interior Snake River steelhead population reveals complex life history diversity and highlights the challenges in assessing freshwater productivity. Frontiers in Ecology and Evolution 14:1773648. <https://doi.org/10.3389/fevo.2026.1773648>

Species: Steelhead

Location: Asotin Creek, Washington

Other Keywords: Stream restoration, population parameters

Braun, E., M. Metcalf, and K. Kim. 2026. A piece of the ecotoxicology puzzle: how can current and future research inform PPD regulations? Evidence-Based Toxicology 4(1):2650933. <https://doi.org/10.1080/2833373X.2026.2650933>

Species: Various

Location: n/a

Other Keywords: Aquatic organisms, terrestrial organisms

Brigino, T., K. Rains, E. Guerrón-Orejuela, J. Argueta, S. Bentz, C. Walker, and M. Rains. 2026. No groundwater, no fish: The critical role of groundwater in supporting non-glacial, salmon-bearing rivers in south-central Alaska. *JAWRA Journal of the American Water Resources Association* 62(2):e70100. <https://doi.org/10.1111/1752-1688.70100>

Species: Salmonids

Location: Kenai Peninsula, Alaska

Other Keywords: Groundwater-surface water interactions, water resource management

Carey, K. C., M. L. Kent, L. Norris, J. L. Sanders, C. B. Schreck, C. E. Couch, C. J. Schuster, and J. T. Peterson. 2026. Quantifying pathogen eDNA at a trap-and-haul facility for adult Chinook salmon (*Oncorhynchus tshawytscha*). *Journal of Fish Diseases* 49(7):e70123. <https://doi.org/10.1111/jfd.70123>

Species: Chinook salmon

Location: Willamette River Basin, Oregon

Other Keywords: Environmental DNA, pathogens

Claiborne, A. M., A. J. Anderson, J. Ohlberger, J. P. Losee, B. Hoffman, and J. Whitney. 2026. Life history diversity of Hoh River winter steelhead based on three decades of scale analysis. *North American Journal of Fisheries Management* 46(2):328–339. <https://doi.org/10.1093/najfmt/vqaf124>

Species: Steelhead

Location: Hoh River, Washington

Other Keywords: Iteroparity, life history

Clemens, B. J., K. J. Carim, and M. H. Weaver. 2026. Addressing knowledge–action gaps created by recent taxonomic and classification changes in lampreys. *Fisheries* 51(6):251–260. <https://doi.org/10.1093/fshmag/vuaf115>

Species: Pacific lamprey

Location: Oregon

Other Keywords: Knowledge–action gaps, conservation planning

Clemens, B., R. Litts, G. Vonderohe, J. Schaefer, L. R. Medeiros, J. Nagler, and J. E. Hess. 2026. Lamprey genotypes predispose maturation timing phenotypes in coastal and interior river basins. *Canadian Journal of Fisheries and Aquatic Sciences* 83:1–17. <https://doi.org/10.1139/cjfas-2025-0215>

Species: Pacific lamprey

Location: Eel Lake Basin, Oregon

Other Keywords: Genotyping, maturation phenotypes

Coutant, C. C., and B. D. Mater. Keep 'em in the river! Reconsider irrigation water diversion policies to avoid salmon deaths. *Fisheries* 51(5):214–219. <https://doi.org/10.1093/fshmag/vuaf093>

Species: Pacific salmon

Location: n/a

Other Keywords: Fish screening methods, fisheries management

DeFilippo, L. B., K. G. Howard, C. J. Cunningham, R. M. Suryan, P. D. Barry, J. M. Murphy, and W. A. Larson. 2026. Shifting stage-specific constraints on productivity shape recovery potential for Yukon River Chinook salmon. *Ecological Applications* 36(3):e70229. <https://doi.org/10.1002/eap.70229>
Species: Chinook salmon

Location: Yukon River, Alaska

Other Keywords: Bycatch, integrated population model, life-cycle model

Ebel, J. D., T. Copeland, J. W. Feldhaus, C. Sullivan, I. A. Tattam, and J. D. Bumgarner. 2026. Evaluation of mitigation goals for spring/summer Chinook salmon hatchery programs in the Snake River Basin. *North American Journal of Fisheries Management* 46(3):575-589. <https://doi.org/10.1093/najfmt/vqag020>

Species: Chinok salmon

Location: Snake River

Other Keywords: Fisheries management, life cycle, mitigation

Erickson, B. D., M. S. Jones, and K. Biedenweg. 2026. Beyond pro- vs. anti-hatchery: a typology of fishing community perceptions of salmonid hatcheries in Oregon. *North American Journal of Fisheries Management* 46(3):636-652. <https://doi.org/10.1093/najfmt/vqag016>

Species: Salmonids

Location: Oregon

Other Keywords: Hatcheries, human dimensions, perceptions

Filteau, M. R. 2026. The cultural and economic collapse of southwestern Montana's wild trout fishery. *Society & Natural Resources* 39(6):1042-1053. <https://doi.org/10.1080/08941920.2025.2612096>

Species: Trout (various)

Location: Montana

Other Keywords: Climate change, resource extraction

Fleming, W. L., D. C. Braun, J. W. Moore, D. A. Patterson, S. M. Wilson, D. LoScerbo, A. M. Martens, D. S. Cunningham, and S. M. Naman. 2026. Associations between stream habitat and energetic condition in juvenile coho salmon (*Oncorhynchus kisutch*). *Canadian Journal of Fisheries and Aquatic Sciences*. 83:1-17. <https://doi.org/10.1139/cjfas-2025-0426>

Species: Coho salmon

Location: British Columbia

Other Keywords: Fish habitat, conservation physiology, energetic status

Fullerton, A. H., A. Goodman, J. C. Jorgensen, M. H. Bond, T. E. Bowerman, J. E. Siegel, D. Urycki, and C. E. Jordan. 2026. Predicted stream temperatures suggest challenges for Pacific salmon in coming decades. *JAWRA Journal of the American Water Resources Association* 62(3):e70137. <https://doi.org/10.1111/1752-1688.70137>

Species: Pacific salmon

Location: Columbia River basin

Other Keywords: Climate change, thermal habitat

Gammel C, and D. E. Schindler. 2026. Long-term changes in the juvenile sockeye salmon rearing capacity of the Chignik Lakes watershed. PLoS One 21(5):e0349239.

<https://doi.org/10.1371/journal.pone.0349239>

Species: Sockeye salmon

Location: Chignik Lakes watershed, Alaska

Other Keywords: Rearing capacity, habitat quality

Greenheck, E. M., C. J. Michel, B. Lehman, L. Takata, N. Demetras, and T. Reid Nelson. 2026. Quantifying component mortality estimates of out-migrating juvenile steelhead (*Oncorhynchus mykiss*). Canadian Journal of Fisheries and Aquatic Sciences 83:1-13.

<https://doi.org/10.1139/cjfas-2025-0436>

Species: Steelhead

Location: California Central Valley

Other Keywords: Mark-recapture model, telemetry, survival, predation

Greentree, W., W. Duguid, M. Quindazzi, B. Maher, and F. Juanes. 2026. Using the diet composition of adult Chinook salmon to understand the regional structure of Salish Sea forage communities.

Fisheries Oceanography 35(4):565-579. <https://doi.org/10.1111/fog.70038>

Species: Chinook salmon

Location: Salish Sea

Other Keywords: Diet composition, cluster analysis, forage fish

Griep, S., K. van den Broek, C. Barnes, and C. Polivka. 2026. Estimation of survival probability through downstream dam passage using simulation models from experimental data. River Research and Applications 42(5):963-975. <https://doi.org/10.1002/rra.70117>

Species: Salmonids

Location: McNary Dam, Columbia River

Other Keywords: Passage studies, randomization model, Bayesian model

Griep, S., K. van denBroek, and C. Polivka. 2026. How do spatial and temporal scales of post-restoration studies affect conclusions about the effectiveness of habitat restoration? Freshwater Biology 71(4):e70224. <https://doi.org/10.1111/fwb.70224>

Species: Chinook salmon, steelhead

Location: Entiat River, Washington

Other Keywords: Engineered log jams, Bayesian model

Harrison, H. L., Ø. Aas, V. Berseth, T. Chance, K. L. Dalby, S. Denny, M. T. Fabiano, N. Johnson, T. Kitching, L. E. Kwong, P. Orlov, A. P. Spidle, A. Walker, K. Wellband, L. Wilson, and K. Samways. 2026. A review of a decade of anadromous salmonid hatchery (and stocking) research: insights for policy, management and a changing climate. Fish and Fisheries 27(3):431-450.

<https://doi.org/10.1111/faf.70056>

Species: n/a

Location: n/a

Other Keywords: Hatchery programs, stocking programs, fisheries management

Hechler, R. M., and M. Krkosek. 2026. Ecological stability through nonlinear fluctuations and the portfolio effect. *Proceedings of the National Academy of Sciences* 123(20):e2535296123.

<https://doi.org/10.1073/pnas.2535296123>

Species: Sockeye salmon

Location: Bristol Bay, Alaska, and Fraser River, British Columbia

Other Keywords: Empirical dynamic modeling, population dynamics

Hester, E. T., K. Ham, B. Pracheil, H. Diefenderfer, and R. Harnish. 2026. River restoration in the context of hydropower impacts to anadromous fish in large river networks: evidence from the Columbia River Basin with implications for future research. *River Research and Applications* 42(4):755-778. <https://doi.org/10.1002/rra.70111>

Species: Salmonids

Location: Columbia River Basin

Other Keywords: Hydropower, river restoration, habitat improvement

Hoy M. S., A. C. Thomas, D. M. Chase, R. P. Kelly, S. Hensley, and C. O. Ostberg. 2026. Tracking Pacific salmon migrations with a prototype eDNA autosampler. *Frontiers in Ecology and Evolution* 14:1824094. <https://doi.org/10.3389/fevo.2026.1824094>

Species: Pacific salmon

Location: Lake Washington Ship Canal, Washington

Other Keywords: eDNA, migration

Innes, K., W. D. Duguid, W. Greentree, J. B. Atkinson, C. Freshwater, S. E. James, and F. Juanes. 2026 Assessing nutritional stress in juvenile Chinook salmon during the first ocean winter. *Canadian Journal of Fisheries and Aquatic Sciences* 83:1-14. <https://doi.org/10.1139/cjfas-2025-0226>

Species: Chinook salmon

Location: Strait of Georgia, British Columbia

Other Keywords: Condition factor, energy density, food limitation, organosomatic index

Laird, K. R., R. Whitehouse, J. F. Boyle, M. Moyle, I. Armstrong, and B. F. Cumming. 2026. Historical perspective is important for fisheries management: A case study from Kootenay Lake, Columbia River Basin, British Columbia, Canada. *Journal of Great Lakes Research*:102872.

<https://doi.org/10.1016/j.jglr.2026.102872>

Species: Kokanee salmon

Location: Kootenay Lake, British Columbia

Other Keywords: Diatom biovolume, fisheries management, inferred phosphorus

Lee, A., O. Vito, M. McHenry, T. Abbe, G. Pess, G., M. Liermann, and M. K. Taylor. 2026. Wood restoration results in rapid conversion of a degraded plane-bed channel, Little River, Washington. *Earth Surface Processes and Landforms* 51(5):e70307. <https://doi.org/10.1002/esp.70307>

Species: Pacific salmon and lamprey

Location: Little River, Washington

Other Keywords: Channel incision, dam removal, engineered logjams

Lerner, J., and B. Hunt. 2026. Compound-specific stable isotope analysis reveals population-specific differences in Chinook salmon trophic level and basal resource use in the Northeast Pacific. *Fisheries Oceanography* 35(3):397-412. <https://doi.org/10.1111/fog.70024>

Species: Chinook salmon
Location: Fraser River, British Columbia
Other Keywords: Trophic levels, run timings

Li, C., J. J. Deroba, D. R. Goethel, A. M. Berger, A. M. Schueller, B. J. Langseth, E. Liljestrang, D. H. Hanselman, and T. J. Miller. 2026. SPASAM-MSE: a generalized spatial management strategy evaluation framework for exploring the impacts of spatial structure on stock assessments and management outcomes. *Canadian Journal of Fisheries and Aquatic Sciences* 83:1-22.
<https://doi.org/10.1139/cjfas-2025-0283>

Species: n/a
Location: n/a
Other Keywords: Management evaluation, spatial stock assessment, state-space model

Ludwig, J. M., N. J. Mantua, R. C. Johnson, J. Field, A. E. Ward, F. E. Rowland, T. H. Williams, T. Lipscomb, C. Jeffres, and J. Rinchar. 2026. Fatty acid profiles recorded in ocean prey and California salmonine eggs reveal maternal ocean diets linked to thiamine deficiency. *Conservation Physiology* 14(1):coag037. <https://doi.org/10.1093/conphys/coag037>

Species: Chinook salmon, coho salmon and steelhead
Location: California
Other Keywords: Ocean prey dynamics, fatty acid signatures

Lunzmann-Cooke, E. L., S. G. Hinch, S. D. Johnston, A. D. Porter, K. R. Zinn, S. J. Cooke, and D. W. Welch. 2026. Influence of gear type on injuries and survival of adult coho salmon released from recreational marine fisheries, *North American Journal of Fisheries Management* 46(2):388–402.
<https://doi.org/10.1093/najfmt/vqaf127>

Species: Coho salmon
Location: British Columbia
Other Keywords: Recreational fisheries, catch and release, fishing injuries

Makhlouf, B., D. E. Schindler, and V. Staneva. 2026. Machine learning applied to otolith microchemical data to discriminate stock of origin in salmon. *ICES Journal of Marine Science* 83(5):fsag071. <https://doi.org/10.1093/icesjms/fsag071>

Species: Chinook salmon
Location: Alaska
Other Keywords: Strontium, isotopes

Miller, T. J., G. Britten, E. N. Brooks, G. Fay, A. C. Hansell, C. M. Legault, C. Li, B. Muffley, B. Stock, and J. Wiedenmann. 2026. An investigation of factors affecting inferences from and reliability of state-space age-structured assessment models. *Canadian Journal of Fisheries and Aquatic Sciences* 83:1-20.
<https://doi.org/10.1139/cjfas-2025-0149>

Species: n/a
Location: n/a
Other Keywords: Stock assessment, state-space, model selection, retrospective patterns

Obedzinski, M., T. Grantham, G. E. Horton, G. R. Pess, and S. M. Carlson. 2026. Geomorphic, hydroclimatic, and biotic factors influence juvenile emigration timing from tributaries in a southern coho salmon population. *Canadian Journal of Fisheries and Aquatic Sciences* 83:1-18.

<https://doi.org/10.1139/cjfas-2025-0271>

Species: Coho salmon

Location: Russian River, California

Other Keywords: Life history, juvenile emigration timing, habitat heterogeneity

Osterback, A.-M. K., A. N. Hendrix, M. Daniels, E. Danner, R. Henery, and S. T. Lindley. 2026. Coupling habitat, hydrological and population models to evaluate strategies to recover an endangered salmonid population. *Frontiers in Ecology and Evolution* 14:1778333.

<https://doi.org/10.3389/fevo.2026.1778333>

Species: Chinook salmon

Location: Sacramento River, California

Other Keywords: Habitat degradation, hydrology, hatchery practices

Oyarzún-Salazar, R., P. Cortes, O. deLázaro, K. Paschke, J. L. P. Muñoz, J. Ruiz, P. Dantagnan, and L. Vargas-Chacoff. 2026. Long-term effects of moderate and severe hypoxia on growth, intermediary metabolism, monoamine neurotransmitters, and fatty acids in juveniles of coho salmon, *Oncorhynchus kisutch*. *Journal of the World Aquaculture Society* 57(2):e70091.

<https://doi.org/10.1111/jwas.70091>

Species: Coho salmon

Location: n/a

Other Keywords: Hypoxia, growth reductions, life history

Pardo, S. A., C. Freshwater, and J. King. 2026. Stock-specific marine distribution patterns of juvenile chinook salmon reveal a gradient of migratory strategies during their first year at sea. *Canadian Journal of Fisheries and Aquatic Sciences* 83:1–16. <https://doi.org/10.1139/cjfas-2025-0295>

Species: Chinook salmon

Location: British Columbia and southeastern Alaska coast

Other Keywords: Population-specific migration, fisheries-independent surveys

Parsons, S., S. M. Naman, C. Tsui, D. C. Braun, D. Loscerbo, A. M. Martens, and C. Little. 2026. Spatiotemporal dynamics of food availability for juvenile coho salmon (*Oncorhynchus kisutch*) across a watershed habitat mosaic. *Canadian Journal of Fisheries and Aquatic Sciences* 83:1-17.

<https://doi.org/10.1139/cjfas-2025-0364>

Species: Coho salmon

Location: North Thompson watershed, British Columbia

Other Keywords: Freshwater habitat, food availability, floodplains

Payne, M. K., M. V. McPhee, C. J. Cunningham, and P. A. H. Westley. 2026. Considerations for the management of hatchery salmon: stream characteristics associated with attractiveness to strays. *Ecological Applications* 36(3):e70251. <https://doi.org/10.1002/eap.70251>

Species: Chum salmon

Location: Southeast Alaska

Other Keywords: Hatchery strays, stream discharge, flow variation

Peters, R. J., G. R. Pess, K. P. Denton, A. M. Claiborne, J. R. McMillan, A. K. Fraik, M. C. Liermann, J. R. Johnson, M. L. McHenry, K. M. Nichols, D. K. Pierce, and T. R. Bennett. 2026. Life history diversity

of *Oncorhynchus mykiss* in the Elwha River during and following dam removal. *Frontiers in Ecology and Evolution* 14:1772015. <https://doi.org/10.3389/fevo.2026.1772015>

Species: Steelhead

Location: Elwha River, Washington

Other Keywords: Life history diversity, genetic diversity

Polley, T., C. E. Couch, C. Leong, J. T. Peterson, L. M. Weiss, P. M. Takvorian, and M. L. Kent. 2026. Laboratory transmission of adult salmon enteritis and associated pathogens in juvenile Chinook salmon (*Oncorhynchus tshawytscha*). *Journal of Fish Diseases* 49(4):e70063.

<https://doi.org/10.1111/jfd.70063>

Species: Chinook salmon

Location: n/a

Other Keywords: Infectious etiology

Postma, H. G., E. A. Nyboer, A. T. Duncan, N. Young, W. P. Mattes, M. Gaden, A. J. Reid, V. M. Nguyen, and S. J. Cooke. 2026. Preparing fisheries professionals to work with and for Indigenous fisheries agencies and organizations. *Fisheries* 51(6):239-250.

<https://doi.org/10.1093/fshmag/vuaf125>

Species: n/a

Location: Great Lakes, North America

Other Keywords: Indigenous fisheries, fisheries management

Price, M. H. H., A. M. Dennert, G. J. Mordecai, M. Cleveland, A. Hill, S. Vincent, G. Knox, and J. D. Reynolds. 2026. The managed erosion of conservation priorities for Pacific salmon. *Conservation Letters* 19(3):e70068. <https://doi.org/10.1111/con4.70068>

Species: Pacific salmon

Location: Canada

Other Keywords: Canada's Wild Salmon Policy, conservation governance

Salerno, R., R. Murdoch, J. Elmore, T. Wilcox, J. Hegg, C. S. Austin, M. LeMoine, J. Luckhurst, A. K. Fraik, and M. Carney. 2026. Integrating Sr isotopes, microchemistry, and genetics to reconstruct salmonidae species and life history. *Archaeometry* 68(S2):S104-S129.

<https://doi.org/10.1111/arcm.13058>

Species: Pacific salmonids

Location: Tronsdal Site on the Skagit River, Washington

Other Keywords: Environmental DNA, archaeology

Scholz, N. L., J. W. Davis, J. A. Spromberg, B. E. Feist, T. L. Linbo, J. S. Labenia, J. R. Cameron, B. L. French, D. H. Baldwin, J. P. Incardona, and T. K. Collier. 2026. The origin story for 6PPD-quinone in ecotoxicology. *Environmental Science & Technology Letters* 13(5):644-655.

<https://doi.org/10.1021/acs.estlett.6c00205>

Species: Pacific salmon

Location: Pacific Northwest

Other Keywords: Stormwater runoff, roadway runoff, toxicity

Schroeder, K., L. D. Whitman, and B. Cannon. 2026. Life history diversity and contribution to population stability in adult Chinook salmon of the Willamette and Sandy Rivers, Oregon. *Canadian Journal of Fisheries and Aquatic Sciences* 83:1-25. <https://doi.org/10.1139/cjfas-2025-0270>

Species: Chinook salmon

Location: Willamette and Sandy Rivers, Oregon

Other Keywords: Life history, portfolio effect, asynchrony, diversity-stability

Sorel, M. H., R. W. Zabel, A. R. Murdoch, and S. J. Converse. 2026. Management strategy evaluation for salmon habitat restoration and hatchery supplementation. *Conservation Science and Practice* 8(6):e70309. <https://doi.org/10.1111/csp2.70309>

Species: Chinook salmon

Location: Wenatchee River Basin, Washington

Other Keywords: Conservation prioritization, decision analysis

Stieve, J. G., D. S. Auerbach, and A. K. Fremier. 2026. Linking remotely sensed hydromorphological conditions with biological observations to estimate salmon spawning capacity. *Ecohydrology* 19(3):e70215. <https://doi.org/10.1002/eco.70215>

Species: Chinook salmon

Location: Clearwater River, Idaho

Other Keywords: Aerial imagery, ecohydraulics, fluvial remote sensing

Sturrock, A. M., K. Sellheim, J. Merz, J. Sweeney, M. Bell-Tilcock, G. Whitman, K. Arai, M. Willmes, C. Jeffres, and R. C. Johnson 2026. A modern ghost story: increased selective mortality of salmon under climate extremes. *Global Change Biology* 32(4):e70854. <https://doi.org/10.1111/gcb.70854>

Species: Chinook salmon

Location: California Central Valley

Other Keywords: Hydroclimate volatility, climate change impacts

Takata, H., and A. Johnson. 2026. Estimating a release mortality rate for coho salmon in a commercial tangle-net fishery in the Columbia River. *North American Journal of Fisheries Management* 42(2):318–327. <https://doi.org/10.1093/najfmt/vqaf120>

Species: Coho salmon

Location: Columbia River

Other Keywords: Release mortality, fisheries management

Taylor, E. B., A. Geraldine, N. Burnett, and B. Mossop. 2026. Multispecies genomic assessment and monitoring of fish biodiversity in response to a major hydroelectric development. *Canadian Journal of Fisheries and Aquatic Sciences* 83:1–20. <https://doi.org/10.1139/cjfas-2025-0399>

Species: Multiple

Location: Peace River, British Columbia

Other Keywords: Genotyping-by-sequencing, population structure, fish passage

Trushenski, J. T., E. Aguilera, M. Andersen, M. Sørensen, and R. Torrissen. 2026. Smoltification strategies in intensively cultured salmonids. *North American Journal of Aquaculture* 88(2):132–162. <https://doi.org/10.1093/naaqua/vrag001>

Species: Salmonids

Location: n/a

Other Keywords: Parr–smolt transformation, polyvalent cation receptors

Tulloch, V. J. D., C. Murray, S. Surma, C. L. Barnes, J. Conn, K. Holsman, T. Martin, H. N. Morzaria-Luna, J. C.P. Reum, and K. Berry. 2026. Applications of marine ecosystem models for Pacific salmon conservation and management in the Northeast Pacific FACETS 11:1-24.

<https://doi.org/10.1139/facets-2025-0261>

Species: Pacific salmon

Location: California Current, British Columbia, Salish Sea, Bering Sea, and Gulf of Alaska

Other Keywords: Systematic review, marine multispecies ecosystem models

Van Wert, J. C., S. D. Johnston, Q. V. Johnston, K. R. Zinn, B. J. Hendriks, L. A. Weber, Z. A. Siders, D. A. Patterson, K. A. Robinson, E. J. Eliason, and S. G. Hinch. 2026. Dynamic time warping analysis of accelerometry data: a tool for interpreting fine-scale movement patterns during fish angling events. Conservation Physiology 14(1):coag034, <https://doi.org/10.1093/conphys/coag034>

Species: Chinook and coho salmon

Location: Vancouver Island, British Columbia

Other Keywords: Jerk accelerometers, catch-and-release, physiological disturbance

Vosbigian, R., J. H. Powell, and M. R. Falcu. 2026. Integrating data on a mixed stock anadromous fishery to estimate stock-specific escapement and mortalities. North American Journal of Fisheries Management 46(2):447–462. <https://doi.org/10.1093/najfmt/vqag003>

Species: Steelhead

Location: Snake River

Other Keywords: Monte Carlo simulation, monitoring data

Voss, N. S., B. J. Bowersox, D. C. Nolfi, and M. C. Quist. Patterns of recent brook trout invasion in bull trout streams in relation to habitat, source connectivity, biotic resistance, and disturbance. Canadian Journal of Fisheries and Aquatic Sciences 83:1-15. <https://doi.org/10.1139/cjfas-2025-0293>

Species: Brook trout, bull trout

Location: Central Idaho

Other Keywords: Invasive species, climate change, dispersal

Walden, M. A., and N. A. Som. 2026. Evaluating alternative methods for modeling trap efficiencies of out-migrating juvenile salmonids, North American Journal of Fisheries Management 46(2):478-494. <https://doi.org/10.1093/najfmt/vqag005>

Species: Chinook salmon

Location: Klamath River

Other Keywords: Bayesian hierarchical model, boosted regression, detection probability

Weedop, D., J. D. Romer, J. S. Ziller, and C. A. Murphy, Timing is everything: drivers of upstream movement of fishes. Transactions of the American Fisheries Society, 155(4): 368–383.

<https://doi.org/10.1093/tafafs/vnag008>

Species: Multiple

Location: McKenzie River, Oregon

Other Keywords: Water temperature, fish passages

White, J. S., K. M. Bartelt, T. J. Kock, B. Overstreet, G. Hansen, and R. Wallick. 2026. Quantifying Chinook salmon habitat across flow regimes: high resolution modeling in Oregon's Willamette

River basin. *Frontiers in Ecology and Evolution* 14:1828470.

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Location: Skeena River, British Columbia

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Location: Yukon River, Alaska

Other Keywords: *Ichthyophonus*, parasite-induced mortality

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Location: Upper Rogue River basin, Oregon

Other Keywords: Habitat improvement, conservation strategies

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Species: Sockeye salmon

Location: Fraser River, British Columbia

Other Keywords: Marine timing, migration route, portfolio effect