Quarterly Journal Article search: July-September 2025
Columbia Basin Fish & Wildlife Library

Atkinson, E., B. S. Carturan, C. P. Atkinson, A. Bateman, K. Connors, E. Hertz, and S. J. Peacock. 2025. Monitoring for fisheries or for fish? Declines in monitoring of salmon spawners continue despite a conservation crisis. Canadian Journal of Fisheries and Aquatic Sciences 82:1-18. https://doi.org/10.1139/cjfas-2024-0387

Species: Pacific salmon
Location: Pacific coast of Canada
Other Keywords: Data stewardship, long-term monitoring

Baldwin, A. K., E. M. Murray, L. M. Zinsser, T. V. King, S. D. Ducar, I. Southern, T. A. Thom, and C. A. Mebane. 2025. Fate and effects to the benthic community of a copper treatment to eradicate invasive mussels in a large western river, USA, Environmental Toxicology and Chemistry 44(8):2166-2180. https://doi.org/10.1093/etojnl/vgaf119

Species: Quagga mussels
Location: Snake River
Other Keywords: Introduced species, chemical treatments

Berejikian, B. A., M. J. Malick, J. L. Waltermire, M. Downen, K. K. Shelby, R. Endicott, and A. Battista. 2025. Conservation hatchery effects on the abundance and spawn timing of natural steelhead populations: A replicated, before-after-control-impact experiment in the Hood Canal Watershed. Canadian Journal of Fisheries and Aquatic Sciences 82:1-16. https://doi.org/10.1139/cjfas-2024-0396

Species: Steelhead
Location: Hood Canal watershed, Washington
Other Keywords: Before-after-control impact

Best, C., T. C. Durhack, A. J. Chapelsky, M. Aminot, S. S. Islam, D. D. Heath, N. J. Mochnacz, and K. M. Jeffries. 2025. Transcriptional profiling provides insights on sublethal thermal stress thresholds in juvenile bull trout. Canadian Journal of Fisheries and Aquatic Sciences. 82:1-17 https://doi.org/10.1139/cjfas-2024-0378

Species: Bull trout
Location: n/a
Other Keywords: Critical thermal maximum, climate change impacts

Billman, E. J., M. Terribilini, C. Smith, T. J. Williams, C. Broderius, and P. Thompson. 2025. Genetic analysis of recently discovered least chub populations in the upper Snake River and Bonneville drainages. Ecology and Evolution 15(8):e72017. https://doi.org/10.1002/ece3.72017

Species: Least Chub
Location: Upper Snake River
Other Keywords: Genetic diversity, genetic structure

Blair, S. I., J. Wetzel, M. Gonzalez, E. P. Kolodziej, C. J. Mitchell, G. M. Foster, V. Lynch-Holm, and J. K. McIntyre. 2025. Blood–brain and blood–gill barrier disruption in coho salmon exposed to roadway runoff and 6PPD-quinone. Environmental Science & Technology 59(25):12533-12542. https://doi.org/10.1021/acs.est.5c01559

Species: Coho salmon
Location: n/a

Other Keywords: Vascular disruption

Boughton, David A., and Haley A. Ohms. 2025. Focused aquifer regeneration produced outsized gains for a threatened fish in a populated, dryland watershed. Ecosphere 16(8):e70376. https://doi.org/10.1002/ecs2.70376

Species: Steelhead
Location: Carmel River, California
Other Keywords: Groundwater recharge and pumping

Burford, B. P., J. J. Notch, W. R. Poytress, and C. J. Michel. 2025. Facilitated migration could bolster migrant passage through anthropogenically altered ecosystems. Ecological Applications 35(5):e70070. https://doi.org/10.1002/eap.70070

Species: Chinook salmon
Location: Sacramento River, California
Other Keywords: Migration ecology

Chamberlin, J. W., O. Stefankiv, E. M. Beamer, C. M. Greene, W. G. Hood, and S. H. Munsch. 2025. Estimating estuary habitat change and functional trajectory of restoration projects over two decades in Puget Sound, WA. Frontiers in Marine Science 12:1549344. https://doi.org/10.3389/fmars.2025.1549344

Species: Chinook salmon
Location: Puget Sound, Washington
Other Keywords: Habitat function

Charbonneau, J. A., K. Connors, C. Atkinson, E. Hertz, B. Connors, and J. W. Moore. 2025. Hyperstability in an inland recreational fishery: are catch-per-unit-effort data masking the magnitude of steelhead declines? Transactions of the American Fisheries Society 154(4):339–351. https://doi.org/10.1093/tafafs/vnaf023

Species: Steelhead
Location: British Columbia
Other Keywords: Hyperstability, catch data

Chen, E. K., K. Lumahan, R. C. Johnson, C. C. Phillis, G. Whitman, A. M. Sturrock, W. H. Satterthwaite, and S. M Carlson. 2025. Juvenile life history, migration, and habitat use of natural-versus hatchery-origin Chinook salmon. Transactions of the American Fisheries Society 154(4):440-455. https://doi.org/10.1093/tafafs/vnaf021

Species: Chinook salmon
Location: Sacramento River, California
Other Keywords: Nonnatal rearing, otoliths

Dagodzo, D., D. C. Eickmeyer, L. E. Kimpe, D. T. Selbie, J. P. Smol, and J. M. Blais. 2025. Tracking long-term trends in sockeye salmon (*Oncorhynchus nerka*) population dynamics using sterol and stanol biomarkers in lake sediments. Journal of Geophysical Research: Biogeosciences 130(9):e2025JG008903. https://doi.org/10.1029/2025JG008903

Species: Sockeye salmon
Location: Several Alaskan lakes
Ohter Keywords: Escapement estimates, biogeochemical markers

Darkwah, G. K., and F. Hossain. 2025. Exploring the potential of remote sensing-based river temperature tool for improving Columbia River reservoir management toward fish abundance outcomes. Water Resources Research 61(9):e2024WR039639. https://doi.org/10.1029/2024WR039639

Species: Multiple
Location: Middle Columbia River
Other Keywords: Thermal History of Regulated Rivers tool

Deeg, C. M., C. Tam, S. Esenkulova, A. Wells, V. A Soshnina, N. J. Ens, C. Llewellyn, A. D. Schulze, and K. M. Miller Spatiotemporal patterns of salmon winter habitat usage in the Northeast Pacific uncovered by environmental DNA. ICES Journal of Marine Science 82(7):fsaf104. https://doi.org/10.1093/icesjms/fsaf104

Species: Pacific salmon
Location: Northeast Pacific ocean
Other Keywords: Network analysis, ocean biomes

Dressler, T. L., K. Anlauf-Dunn, A. Chandler, and E. J. Eliason. 2025. Beyond latitude: thermal tolerance and vulnerability of a broadly distributed salmonid across a habitat temperature gradient. Conservation Physiology 13(1):coaf030. https://doi.org/10.1093/conphys/coaf030

Species: Steelhead
Location: Oregon
Other Keywords: Aerobic scope, climate change impacts

Foott, J. S. 2025. Comparison of static-bath and flowing-water *Flavobacterium columnare* challenge methods with juvenile Chinook salmon. Journal of Aquatic Animal Health 37(3):147–153. https://doi.org/10.1093/jahafs/vsaf003

Species: Chinook salmon
Location: n/a
Other Keywords: Flowing-water challenge, thermal refugia

Frommel, A. Y., A. Akbarzadeh, V. Chalifoux, T. J. Ming, B. Collicutt, K. Rolheiser, R. Opie, K. M. Miller, C. J. Brauner, and B. P. V. Hunt. 2025. High sensitivity to ocean acidification in wild out-migrating juvenile Pacific salmon is not impacted by feeding success. Ecological Applications 35(5):e70058. https://doi.org/10.1002/eap.70058

Species: Chum salmon
Location: n/a
Other Keywords: Genetic biomarkers, ion regulation

Fuhrman, A. E., D. L. Harstad, D. A. Larsen, and B. R. Beckman. Photoperiod at emergence regulates early life history plasticity in fall Chinook salmon. Canadian Journal of Fisheries and Aquatic Sciences. 82:1-16. https://doi.org/10.1139/cjfas-2025-0032

Species: Chinook salmon
Location: n/a
Other Keywords: Smolt timing, photoperiods

Harding, J. A., I. S. Iglesias, B. K. Wells, W. R. Friedman, and D. D. Huff. 2025. Juvenile salmon prey sampled at sea using a pelagic rope trawl and a frame trawl. Fisheries Research 290:107515. https://doi.org/10.1016/j.fishres.2025.107515

Species: Chinook salmon, Coho salmon
Location: California Current
Other Keywords: Micronekton, Methot frame trawl, Nordic rope trawl

Horn, R. L., J. Caisman, C. Kamphaus, S. R. Narum. 2025. Genomic insights into local adaptation and migration success in reintroduced coho salmon of the Wenatchee River basin. Transactions of the American Fisheries Society 154(4):414-423. https://doi.org/10.1093/tafafs/vnaf019
Species: Coho salmon
Location: Wenatchee and Methow River basins, Washington
Other Keywords: Genome resequencing, local adaptation

Iritani, A. T., E. M. Barnes, and M. P. Phelps. 2025. Influence of egg size and parental genetics on the metabolic rate of chinook and pink salmon embryos. Conservation Physiology 13(1):coaf062 https://doi.org/10.1093/conphys/coaf062
Species: Chinook salmon, Pink salmon
Location: Washington
Other Keywords: Egg size, recruitment

Irvine, J. R. 2025. Reflections on Canada's 2005 Wild Pacific Salmon Policy (WSP) with suggestions going forward. Canadian Journal of Fisheries and Aquatic Sciences 82:1-9. https://doi.org/10.1139/cjfas-2024-0410
Species: Salmonids
Location: Canada
Other Keywords: Strategic planning, fishery management

Jacquemart, A. S., A. Tigano, M. K. Gale, T. Weir, H. G. Ward, C. M. Wong, E. J. Eliason, K. M. Miller, S. G. Hinch, and M. A. Russello. 2025. Application of genomic offsets to inform freshwater fisheries management under climate change. Evolutionary Applications 18(8):e70149 https://doi.org/10.1111/eva.70149
Species: Sockeye salmon
Location: British Columbia
Other Keywords: Genotyping

Jantsch, S., J. M. Helfield, L. Bodensteiner, K. L. Sobocinski, and A. G. Bunn. 2025. A characterization of hyporheic temperatures with applications for salmon habitat restoration in a thermally impaired river. Northwest Science 98(2):131-147. https://doi.org/10.3955/046.098.0204
Species: Pacific salmon
Location: Nooksack River, Washington
Other Keywords: Cool-water refuges, habitat restoration

Jeanson, A. L., N. Young, J. R. Bennett, and S. J. Cooke. 2025. Opportunities and limitations of Canada's species at risk act for protecting Pacific Salmonids: lessons learned from the case of the Thompson River Steelhead. FACETS 10:1–10. https://doi.org/10.1139/facets-2025-0109
Species: Steelhead
Location: Thompson River, Canada
Other Keywords: Conservation, climate change impacts

Kilgour, C. L., C. E. Winter, C. J. Brauner, A. M. Chará-Serna, A. C. James, N. C. Kroetsch, P. M. Schulte, and C. M. Wood. 2025. Tracking road salt contamination through community monitoring: annual surface water chloride trends in streams of a major urban area, the Vancouver Lower Mainland, B.C., Canada. Archives of Environmental Contamination and Toxicology. https://doi.org/10.1007/s00244-025-01156-3

Species: Pacific salmon
Location: Vancouver, British Columbia
Other Keywords: Chloride channels, pollutants

Korman, J., J. A. Crossman, J. G McLellan, and A. L. Miller. 2025. The effectiveness of conservation aquaculture in meeting recovery objectives for an endangered white sturgeon population. Transactions of the American Fisheries Society 154(5):537–558. https://doi-org.cbfwl.idm.oclc.org/10.1093/tafafs/vnaf029

Species: White sturgeon
Location: Columbia River
Other Keywords: Wild–hatchery interactions, hatchery practices

Kouba, C., L. Scantlebury, J. Wiener, S. Yarnell, and T. Harter. 2025. A watershed-specific approach to identify key functional flow metrics supporting salmon reproduction. Ecohydrology 18(5):e70098. https://doi.org/10.1002/eco.70098

Species: Coho and Chinook salmon
Location: Northern California
Other Keywords: Ecohydrology, functional flows

Krochta, M. K. Anlauf-Dunn, D. Bugni, and H. Chang. 2025 Effects of climate change on stream temperature and salmonid habitats in a Cascades river basin. Journal of Environmental Management 387:125843. https://doi.org/10.1016/j.jenvman.2025.125843

Species: Pacific salmonids
Location: Clackamas River, Oregon
Other Keywords: Thermal refugia, habitat suitability

Kuo, L-J., J. Tietsort, J. L. Bolton, J. B. Gates, M. Langness, A. Carey, S. O'Neill, and I. R. Schultz. 2025. Analysis of 6PPD-Q in finfish, shellfish, and marine mammal tissues. Chemosphere 379:144418. https://doi.org/10.1016/j.chemosphere.2025.144418

Species: Coho salmon
Location: Puget Sound
Other Keywords: Gas chromatography-mass spectrometry

Lamborn, C. C., J. Ohlberger, T. E. Walsworth, P. A. H. Westley, C. J. Cunningham, S. Wynsma, and J. W. Smith. 2025. A synthesis of factors related to trends in abundance and demography of Alaska Chinook salmon (*Oncorhynchus tshawytscha*, Salmonidae): implications for research, management, and policy. Fish and Fisheries 26(4):520-532. https://doi.org/10.1111/faf.12895

Species: Chinook salmon
Location: Alaska
Other Keywords: Density dependence, North Pacific Gyre Oscillation

Lemagie, E., E. Farley, J. A. Langan, and P. J. Stabeno. 2025. Mapping suitable thermal migration corridors for western Alaska chum salmon in the North Pacific. Deep Sea Research Part I: Oceanographic Research Papers 222:104531. https://doi.org/10.1016/j.dsr.2025.104531

Species: Chum salmon
Location: Bering Sea
Other Keywords: Migration corridors, climate change impacts

Limpinsel, D., S. Kelly, M. Zaleski, C. Coon, S. McDermott, J. L. Pirtle, J. T. Thorson. 2025. Essential fish habitat consultations support ecosystem-based fisheries management in Alaska ICES Journal of Marine Science 82(7):fsaf118. https://doi.org/10.1093/icesjms/fsaf118
Species: Multiple
Location: Alaska
Other Keywords: Inter-agency consultations

Lo, V. K., M. J. Hansen, and N. A. Fangue. 2025. The role of nutritional state in the relationship between standard metabolic rate and locomotor activity in juvenile white sturgeon (*Acipenser transmontanus*), with implications for anthropogenically altered food webs. Conservation Physiology 13(1):coaf039. https://doi.org/10.1093/conphys/coaf039
Species: White sturgeon
Location: n/a
Other Keywords: Intraspecific variation, environmental stressors

Makhlouf, B., T. J. Cline, D. Fernandez, L. Seeb, E. Lee, S. Gilk-Baumer, D. Whited, C. E. Zimmerman, and D. E. Schindler. 2025. Combining genetic and isotope frameworks improves reconstruction of fish provenance across riverscapes. Limnology and Oceanography Letters 10(5):692-701. https://doi.org/10.1002/lol2.70025
Species: Chinook salmon
Location: Yukon River, Alaska
Other Keywords: Natal origin distributions

Mamoozadeh, N. R., M. J. Wade, B. N. Reid, E. Bardwell, E. E. Collins, S. A. Hugentobler, S. A. Jackson, B. C. Kline, H. E. Rothkopf, A. Zhang, and M. H. Meek. 2025. A practical introduction to effective population size for fisheries management. Transactions of the American Fisheries Society 154(4):352-371. https://doi.org/10.1093/tafafs/vnaf025
Species: n/a
Location: n/a
Other Keywords: Genetic monitoring

Martens, K. D., and W. D. Devine. 2025. Stream temperature, density dependence, catchment size, and physical habitat: understanding salmonid size variation across small streams. Fishes 10(8):368. https://doi.org/10.3390/fishes10080368
Species: Coho salmon, cutthroat
Location: Olympic Peninsula, Washington
Other Keywords: Forest management

Marty, G. D., J. A. Ferguson, T. R. Meyers, T. B. Waltzek, M. L. Kent, and E. Soto. 2025. Pathogens from salmon aquaculture in relation to conservation of wild Pacific salmon in Canada: an alternative perspective. Aquaculture, Fish and Fisheries 5(4):e70079. https://doi.org/10.1002/aff2.70079
Species: Pacific salmon
Location: British Columbia
Other Keywords: Pathogen transmission, salmon farming

Matson, P. G., B. B. Bozeman, C. R. DeRolph, G. A. Oladosu, D. Singh, D. Richie, J. Morales, J. Pica, B. Sojkowski, B. A. Lake, N. B. Anderson, B. Bellerud, S. Dionson, S. Ames, and M. Fischer. 2025. A census of fish passage facilities at US hydropower developments across the conterminous United States. Journal of Environmental Management 391:126623. https://doi.org/10.1016/j.jenvman.2025.126623

Species: Multiple
Location: United States
Other Keywords: Bypasses, fish ladders

Maude, D. K., B. J. Bowersox, M. P. Corsi, P. A. Kennedy, B. High, M. P. Peterson, C. J. Watkins, and M. C. Quist. 2025. Population dynamics of white sturgeon in the upper Snake River, Idaho: Evaluation of management options for a harvest fishery. North American Journal of Fisheries Management 45(4): 540–556. https://doi.org/10.1093/najfmt/vqaf025

Species: White sturgeon
Location: Upper Snake River, Idaho
Other Keywords: Age and growth, population models

McNicholl, D. G., C. P. Gallagher, R. Gordon, T. Carmichael, R. McLeod, J. Illasiak, L. Kayotuk, M. Kotokak, S. Lord, J. Brewster, S. Buckle, C.-L. Simpson, L. Christie, K. Gully, E. Lea, A. Niemi, K. Woodard, D. Yurkowski, K. Wight, M. Bilous, J. Andrews, J. Langan, and K. M. Dunmall. 2025. Dietary niches of endemic and range-expanding salmonids in the Western Canadian Arctic. Environmental Biology of Fishes. https://doi.org/10.1007/s10641-025-01733-4

Species: Dolly Varden, Arctic char, chum salmon
Location: Beaufort Sea
Other Keywords: Climate change impacts, trophic niches

Naylor, L., T. E. Blackman, M. Roes, T. Mackey, C. Crump, and J. Kennedy. 2025. Prespawn migration patterns of adult spring Chinook salmon in the terminal reaches of a highly altered interior stream. Northwest Science 98(2):148-164. https://doi.org/10.3955/046.098.0205

Species: Chinook salmon
Location: Upper Grande Ronde River, Oregon
Other Keywords: Prespawn mortality, thermal tolerance

Nowlan, Joseph P., Heese, Brianna, Hudson, Mary, Lumsden, John S., Russell, Spencer. 2025. Tenacibaculosis caused by *Tenacibaculum maritimum* is not transmitted from Atlantic salmon (*Salmo salar* L.) to Canadian Chinook salmon (*Oncorhynchus tshawytscha* W.) in a cohabitation model. Aquaculture Research 2025:3544576. https://doi.org/10.1155/are/3544576

Species: Atlantic and Chinook salmon
Location: British Columbia
Other Keywords: Experimental transmission, fish pathogens

Nguyen, V. M.-A., K. J. Fiorella, L. Castello, M. K. Badhon, C. Beaudoin, J. Coffin-Schmitt, S. J. Cooke, A. T. Fisk, E. Nyboer, D. M. O'Keefe, E. D. Rice, R. Stedman, N. Venker, A. Macneil. 2025. Provisioning fisheries: A framework for recognizing the fuzzy boundary around commercial, subsistence, and recreational fisheries. Fisheries 50(8):366–379. https://doi.org/10.1093/fshmag/vuae031

Species: n/a
Location: n/a
Other Keywords: Fisheries management

Owens, S. M., T. Copeland, B. N. Oldemeyer, and B. P. Kennedy. 2025. Causes and consequences of juvenile migratory diversity in a wild population of yearling Chinook salmon. Transactions of the American Fisheries Society 154(5):595–609. https://doi.org/10.1093/tafafs/vnaf035

Species: Chinook salmon
Location: Big Creek, Idaho
Other Keywords: Early life history, migration timing

Pearsons, Todd N., and T. W. Hillman. 2025. The effects of unintentional supplementation on abundance and productivity of an endangered Chinook salmon subpopulation. Transactions of the American Fisheries Society 154(5):523-536. https://doi.org/10.1093/tafafs/vnaf028

Species: Chinook salmon
Location: Nason Creek, Washington
Other Keywords: Unintentional supplementation, stray, abundance

Peiman, K. S., T. Rytwinski, L. Weber, I. King, and S. J. Cooke. 2025. What are the effects of sea lice on wild and farmed Pacific and Atlantic salmon? A systematic map protocol. Ecological Solutions and Evidence 6(3):e70104. https://doi.org/10.1002/2688-8319.70104

Species: Pacific and Atlantic salmon
Location: n/a
Other keywords: Evidence map, evidence synthesis

Prystay, T. S., E. L. Lunzmann-Cooke, S. D. Johnston, K. Zinn, B. J. Hendriks, S. J. Cooke, D. A. Patterson, and S. G. Hinch. 2025. Release mortality in Pacific salmon fisheries along the homing migration and recommended best practices to maximize welfare and survival. Fisheries Research 289:107480. https://doi.org/10.1016/j.fishres.2025.107480

Species: Pacific salmon
Location: Pacific coast
Other Keywords: Maturation, delayed mortality

Quindazzi, M., W. Duguid, T. Brown, and F. Juanes. 2025. Tracking the marine migrations of coho Salmon through otolith microchemistry. Fisheries Research 287:107418. https://doi.org/10.1016/j.fishres.2025.107418

Species: Coho salmon
Location: Southern British Columbia
Other Keywords: Otoliths, migration

Rahr, G. R., M. R. Sloat, W. I. Atlas, and J. L. Hart. 2025. Strongholds for Pacific salmon: A proactive conservation strategy for ecosystem health, food security, biodiversity, and climate resilience. Fisheries 50(9):399-415. https://doi.org/10.1093/fshmag/vuaf011

Species: Pacific salmon
Location: Multiple
Other Keywords: Ecosystem conservation, climate change

Sharo, A. G., M. A. Supple, R. Cabrera, W. E. Seligmann, S. Sacco, C. D. Columbus, D. E. Pearse, B. Shapiro, and J. C. Garza. 2025. Recent adaptation in a threatened salmonid revealed by museum genomics. Molecular Ecology 34(18):e70063. https://doi.org/10.1111/mec.70063

Species: Steelhead

Location: California
Other Keywords: Adaptation, conservation genetics

Shartau, R. B., and D. W. Baker. 2025. Water pH alters acid-base compensatory responses in white sturgeon (*Acipenser transmontanus*) exposed to modest and severe environmental hypercapnia. Comparative Biochemistry and Physiology Part A: Molecular & Integrative Physiology 307:111900. https://doi.org/10.1016/j.cbpa.2025.111900
Species: White sturgeon
Location: n/a
Other Keywords: Acidified water, alkalized water

Simpson, W. G., T. J. Blubaugh, and T. A. Whitesel. 2025. Laboratory evaluation of potential climate change impacts on the larval metamorphosis of Pacific Lamprey (*Entosphenus tridentatus*). Environmental Biology of Fishes 108(9):1401–1411. https://doi.org/10.1007/s10641-025-01732-5
Species: Pacific lamprey
Location: n/a
Other Keywords: Climate change impacts, metamorphosis

Thomas, P. A., D. Blaskey, Y. Cheng, M, P. Carey, H. K. Swanson, A. J. Newman, C. Brooks, N. M. Herman-Mercer, and K. N. Musselman. 2025. Warming Alaskan rivers affect first-year growth in critical northern food fishes. Scientific Reports 15:28834. https://doi.org/10.1038/s41598-025-14711-8
Species: Chinook salmon, Dolly Varden
Location: Arctic-Yukon-Kuskokwim Region
Other Keywords: Climate change impacts, year over year growth potential

Ulaski, M. E., J. W. Moore, D. Carlson, K. F. Taddei, K. Kriese, J. Griggs, C. C. Murray, M. Adams, K. L. Wilson, A. Reid, N. Sainsbury, S. Cannon, E. Griggs, and T. G. Martin. 2025. Barriers and opportunities for the effective management of cumulative effects in salmon ecosystems in British Columbia, Canada. FACETS 10:1–25. https://doi.org/10.1139/facets-2024-0348
Species: Pacific salmon
Location: British Columbia
Other Keywords: Policy, restoration planning

Van Alen, B. W. 2025. Hatchery salmon and ecological overshoot. Aquaculture, Fish and Fisheries 5(4): e70103. https://doi.org/10.1002/aff2.70103
Species: Pacific salmon
Location: n/a
Other Keywords: Hatchery v. wild stocks, ecological overshoot

Warnock, W. G., C. H. S. Williams, and M. J. Teather. 2025. Spring climate warming is associated with earlier spawn timing of an adfluvial trout population. Canadian Journal of Fisheries and Aquatic Sciences 82:1–11. https://doi.org/10.1139/cjfas-2025-0036
Species: Rainbow trout
Location: British Columbia
Other Keywords: Phenological shifts, climate change impacts

Wells, B. K., D. D. Huff, T. P. Quinn, J. A. Santora, D. G. Gomes, K. Vasbinder, K. A. Barnas, B. J. Burke, M. B. Courtney, L. G. Crozier, J. Fiechter, K. D. Friedland, S. A. Hayes, M. E. Hunsicker, F. Juanes, N. J.

Mantua, C. J. Michel, E. M. Phillips, B. L. Sanderson, W. H. Satterthwaite, A. C. Seitz, T. F. Sheehan, J. D. Stewart, and M. Trudel. 2025. When, where, and why salmon become vulnerable to predation. ICES Journal of Marine Science 82(9):fsaf162 https://doi.org/10.1093/icesjms/fsaf162

Species: Pacific and Atlantic salmon
Location: n/a
Other Keywords: Trophic hotspots, ecosystem oceanography

Westley, P. A., A. H. Dittman, B. W. Nelson, M. H. Bond, M. Payne, and T. P. Quinn. 2025. In and out: factors influencing two decades of straying and homing by Pacific salmon within the Columbia River Basin. Royal Society Open Science 12:250447 https://doi.org/10.1098/rsos.250447

Species: Chinook salmon
Location: Columbia River
Other Keywords: Climate change impacts, dispersal rates

White, J. S., K. Bartelt, B. T. Overstreet, and J. R. Kelley. 2025. High resolution mapping of submerged sediment size and suitable salmon spawning habitat using topo-bathymetric Lidar in the Santiam River basin, Oregon. Water Resources Research 61(8):e2024WR039219. https://doi.org/10.1029/2024WR039219

Species: Chinook salmon
Location: Santiam River watershed, Oregon
Other Keywords: River-bed sediment, spawning habitat

Willis, S. C., R. L. Horn, J. E. Hess, J. K. Fryer, J. M. Whiteaker, and S. R. Narum. 2025. Heritability and genomic basis of age-at-maturity in Chinook salmon. Journal of Heredity 116(5): 632-652. https://doi.org/10.1093/jhered/esaf021

Species: Chinook salmon
Location: n/a
Other Keywords: Intra-population variation

Willis, S., S. Micheletti, K. R. Andrews, and S. Narum. 2025. PoolParty2: An integrated pipeline for analysing pooled or indexed low-coverage whole-genome sequencing data to discover the genetic basis of diversity. Molecular Ecology Resources 25(2):e13888. https://doi.org/10.1111/1755-0998.13888

Species: Steelhead
Location: Columbia River
Other Keywords: Bioinformatic pipelines

Wilson, K. L., W. I. Atlas, C. K. Whitney, M. Reid, C. N. Service, B. M. Connors, and M. S. Adams. 2025. Using fisheries risk assessment to inform precautionary and collaborative management in a declining coho salmon fishery. Canadian Journal of Fisheries and Aquatic Sciences 82:1–18. https://doi.org/10.1139/cjfas-2025-0023

Species: Coho salmon
Location: British Columbia
Other Keywords: Fishery management, policy

Zeug, S. C., M. E. Johnston, M. B. Espe, A. J. Kalmbach, E. D. Chapman, M. N. Johnson, and J. B. Miranda. 2025. Survival and behavior of juvenile salmonids (*Oncorhynchus spp*.) in a large water diversion revealed with acoustic telemetry. Animal Biotelemetry 13:27.
https://doi.org/10.1186/s40317-025-00421-5

Species: Pacific salmon
Location: Sacramento–San Joaquin Delta, California
Other Keywords: Water diversion infrastructure, telemetry