

Peer-reviewed publications (including book chapters) (Underlined authors denote students)

123. **Mueter, F.J.** (2022) Chapter 14: Arctic Fisheries in a Changing Climate. In: Global Arctic. M. Finger and G. Rekvig (Eds). Springer International Publishing. 486pp.
https://doi.org/10.1007/978-3-030-81253-9_14
122. Lundstrom, N., Beaudreau, A., **Mueter, F.J.**, Konar, B. (2022). Environmental drivers of nearshore fish community composition and size structure in glacially influenced Gulf of Alaska estuaries. Estuaries and Coasts. <https://doi.org/10.1007/s12237-022-01057-x>
121. Priest, J. T., **Mueter, F.J.**, Raborn, S.W., and Sutton, T.M. (2022) Effects of environmental vari

113. Melica, V., Atkinson, S., Calambokidis, J., Lang, A., Scordino, J., and **Mueter, F.J.** (2021). Application of endocrine biomarkers to update information on reproductive physiology in gray whale (*Eschrichtius robustus*). PLOS ONE, 16(8): e0255368, <https://doi.org/10.1371/journal.pone.0255368>
112. Clark, C. T., Cape, M. R., Shapley, M. D., **Mueter, F. J.**, Finney, B. P., and Misarti, N. (

[2019/ArtMID/7916/ArticleID/845/Comparison-of-Near-bottom-Fish-Densities-Show-Rapid-Community-and-Population-Shifts-in-Bering-and-Barents-Seas](https://doi.org/10.3389/fmars.2019.00710)

90. Schuler, A., Piwetz, S., Di Clemente, J., Steckler, D., Mueter, F.J., Pearson, H.C. (2019). Humpback whale movements and behavior in response to whale watching vessels in Juneau, AK. *Frontiers in Marine Science* 6: 710. <https://doi.org/10.3389/fmars.2019.00710>
89. Vestfals, C.D., **Mueter, F.J.**, Duffy-Anderson, J.T., Busby, M.S., De Robertis, A. (2019). Distribution of early life stages of Arctic cod and saffron cod in the Pacific Arctic. *Polar Biology* 42: 969-990. <https://doi.org/10.1007/s00300-019-02494-4>
88. Divine, L.M., **Mueter, F.J.**, Kruse, G.H., Bluhm, B.A., Jewett, S.C., Iken, K. (2019) New estimates of growth, size-at-maturity, fecundity, mortality and biomass of snow crab, *Chionoecetes opilio*, in the Arctic Ocean off Alaska. *Fisheries P nBT/F2 12 Tf1 0 0 12 0 612 792 0 gl Al*

68. Arimitsu, M.L., Piatt, J.F., **Mueter, F.J.** (2016). Influence of glacier runoff on ecosystem structure in Gulf of Alaska fjords. *Marine Ecology Progress Series* 560: 19-40, <https://doi.org/10.3354/meps11888>
67. Kvamsdal, S.F., Eide, A., Ekerhovd, N.-A., Enberg, K., Gudmundsdottir, A., Hoel, A.H., Mills, K.E., **Mueter, F.J.**, Ravn-Jonsen, L., Sandal, L.K., Stiansen, J.E., Vestergaard, N. (2016). Harvest Control Rules in Modern Fisheries Management. *Elementa: Science for the Anthropocene* 4: 000114, <https://doi.org/10.12952/journal.elementa.000114>
66. **Mueter, F. J.**, Nahrgang, J., Nelson, R.J., Berge, J. (2016). The ecology of gadid fishes in the circumpolar Arctic with a special emphasis on the polar cod (*Boreogadus saida*). *Polar*

46. Zimmerman, C.E., Ramey, A.M., M.Turner, S., **Mueter, F.J.**, Murphy, S.M., and Nielsen, J.L. (2013). Genetics, recruitment, and migration patterns of Arctic Cisco (*Coregonus autumnalis*) in the Colville River, Alaska and Mackenzie River, Canada. *Polar Biology* 36(11): 1543-1555. DOI 10.1007/s00300-013-1372-y
45. Waite, J.N., and **Mueter, F.J.** (2013). Spatial and temporal variability of chlorophyll a concentrations in the coastal Gulf of Alaska waters, 1998-2011, using cloud-free reconstructions of SeaWiFS and MODIS data. *Progress in Oceanography* 116: 179-192. <http://dx.doi.org/10.1016/j.pocean.2013.07.006>
44. Hollowed, A.B., Barange, M., Beamish, R., Brander, K., Cochrane, K., Drinkwater, K., Foreman, M., Hare, J., Holt, J., Ito, S.-i., Kim, S., King, J., Loeng, H., MacKenzie, B., **Mueter, F.**, Okey, T., Peck, M.A., Radchenko, V., Rice, J., Schirripa, M., Yatsu, A., and Yamanaka, Y. (2013). Projected Impacts of Climate Change on Marine Fish and Fisheries. *ICES Journal of Marine Science* 70(5): 1023-1037. <https://doi.org/10.1093/icesjms/fst081>
43. Agler, B.A., Ruggerone, G., Wilson, L.I., and **Mueter, F.J.** (2013). Historical growth of Bristol Bay and Yukon River, Alaska chum salmon (*Oncorhynchus keta*) in relation to climate and inter-and intraspecific competition. *Deep Sea Research Part II: Topical Studies in Oceanography* 94: 165-177. <http://dx.doi.org/10.1016/j.dsr2.2013.03.028>
42. Peterson, M.J., **Mueter, F.J.**, Hanselman, D., Lunsford, C., Matkin, C., and Fearnbach, H. (2013). Killer whale (*Orcinus orca*) depredation effects on catch rates of six groundfish species: Implications for commercial longline fisheries in Alaska. *ICES Journal of Marine Science* 70(6): 1220-1232. <https://doi.org/10.1093/icesjms/fst045>
41. Litzow, M.A., **Mueter, F.J.**, and Urban, J.D. (2013). Rising catch variability preceded historical fisheries collapses in Alaska. *Ecological Applications* 23(6): 1475-1487.
40. Siddon, E.C., Heintz, R.A., **Mueter, F.J.** (2013). Conceptual model of energy allocation in walleye pollock (*Theragra chalcogramma*) from age-0 to age-1 in the southeastern Bering Sea. *Deep Sea Research Part II* 94: 140-149.
39. **Mueter, F.J.**, Dawe, E.G., and Pálsson, Ó. (2012). Effects of climate and predation on subarctic crustacean populations. *Marine Ecology Progress Series* **469**: 191-193.
38. Marcello L.A., **Mueter F.J.**, Dawe EG, and Moriyasu M. (2012) Effects of temperature and gaidid predation on snow crab recruitment: Comparisons between the Bering Sea and Atlantic Canada. *Marine Ecology Progress Series* **469**: 249-261.
37. Bundy, A., Bohaboy, E.C., Hjermann, D.O., **Mueter, F.J.**, Fu, C., and Link, J.S. (2012). Common patterns, common drivers: comparative analysis of aggregate surplus production across ecosystems. *Marine Ecology Progress Series* **459**: 203-218.
36. Renner, H.M., **Mueter, F.J.**, Drummond, B.A., Warzybok, J.A., and Sinclair, E.H. (2012). Patterns of change in diets of two piscivorous seabird species during 35 years in the Pribilof Islands. *Deep Sea Research Part II* **65-70**: 273-291.
35. **Mueter, F.J.**, Siddon, E.C., and Hunt Jr., G.L. (2011). Climate change brings uncertain future for subarctic marine ecosystems and fisheries. Pages 329-357 in A. L. Lovecraft and H. Eicken, editors. North by 2020: Perspectives on Alaska's Changing Social-Ecological Systems. University of Alaska Press, Fairbanks.

