

Publications (* denotes student)

115) Konar B, *Shoot M and Iken K. 2026. Green sea urchin ranching in the Gulf of Alaska: how do location and food influence market readiness. *Journal of Environmental Science and Agricultural Research*. ISSN: 3029-0724. <http://dx.doi.org/10.2139/ssrn.5601711>

114) *Kumar SV, Castellote M, Gill V, Cunningham CJ, Konar BH and Horstmann L. 2026. Anthropogenic activity and Cook Inlet beluga whale presence in two Alaska rivers. *Endangered Species Research*. <https://doi.org/10.3354/esr01509>

113) Firth LB, et al (many many authors, including Konar). 2026. Micro-refuges or ecological traps: context-dependent effects of rock pools on intertidal biodiversity across latitudes. *Global Ecology and Biogeography* 35.2 (2026): e70208.

112) *Myers HJ, Olsen DW, Konar BH, Whitney A, Birch K, Dugan P, Mueter FJ, Guazzo RA, Horstmann LA and Matkin CO. 2025. Killer whale call detection rates vary among subspecies and populations in the North Pacific. *Scientific Reports*, 15(1), p.21072.

111) Watson JC, Edwards MS and Konar B. 2025. Sea otters and rocky reef communities. In *Sea Otter Conservation II* (pp. 21-68). Academic Press.

110) *Maligouine AM, Hollmen TE, Amundson CL and Konar BH. 2025. Changes in benthic prey availability and quality suggest less favorable foraging conditions for Threatened Steller's eiders (*Polysticta stelleri*) molting at Izembek Lagoon, Alaska. *Polar Biology*, 48(3), pp.1-14

109) Sutton L, Ulaski BP, Lundstrom NC, Whitney EJ, Fellman JB, Beaudreau AH, Jenckes J, Gabara SS and Konar B. 2025. Seasonality and hydroclimatic variability shape the functional and taxonomic diversity of nearshore fish communities in glacierized estuaries of Alaska. *Journal of Experimental Marine Biology and Ecology*. <https://doi.org/10.1016/j.jembe.2025.152086>

108) *Reynolds E, Konar B and Horstmann L. 2025. Sea otter interactions with mariculture oyster farms. *The Journal of Wildlife Management*, p.e70055.

107) Pérez-Matus A, Micheli F, Konar B, Shears N, Low NHN, Okamoto DK, Wernberg T, Krumhansl KA, Ling SD, Kingsford M, Navarrete-Fernandez T, Ruz CS, and Byrnes JEK. 2025. Kelp forests as nursery and foundational habitat for reef fishes. *Ecology*. DOI: 10.1002/ecy.70007

106) Traiger SB, Bodkin JL, Campbell RW, Coletti HA, Esler D, Holderied K, Iken K, Konar B, McKinstry CA, Monson DH and Pretty JL. 2024. Planktonic to sessile: drivers of spatial and temporal variability across barnacle life stages and indirect effects of the Pacific Marine Heatwave. *Journal of Plankton Research*, 46(6), pp.604-618.

- 105) *McArthur M, Umanzor S, Schram J and Konar B. 2024. Environmental and biotic habitat attributes affect rocky intertidal community variability in glacially influenced estuaries. *Journal of Experimental Marine Biology and Ecology*, 580, p.152050.
- 104) *Ham G, Gabara S, Chase P, Konar B and Umanzor S. 2024. Regional differences in the effects of watershed glacial coverage on the performance of Pacific Blue mussel, *Mytilus trossulus*. *Journal of Experimental Marine Biology and Ecology*, 580, p.152043.
- 103) *Hasan EL, Gorman KB, Coletti HA and Konar B. 2024. Species distribution modeling of northern sea otters (*Enhydra lutris kenyoni*) in a data-limited ecosystem. *Ecology and Evolution*. 14(3), p.e11118.
- 102) *Phelps J, Dunton K, Konar B, Umanzor S, Muth A and Iken K. 2024. The effect of sedimentation on spore settlement and recruitment of the endemic Arctic kelp, *Laminaria solidungula* (Phaeophyceae). *Journal of Phycology* Jun;60(3):741-754. doi: 10.1111/jpy.13453.
- 101) *Ulaski BP, Otis EO and Konar, B. 2023. How landscape variables influence the relative abundance, composition, and reproductive viability of macroalgal wrack in a high latitude glacial estuary. *Estuarine, Coastal and Shelf Science*, p.108169.
- 100) Dawson MN, Duffin PJ, Giakoumis M, Schiebelhut LM, Beas-Luna R, Bosley KL, Castilho R, Ewers-Saucedo C, Gavenus KA, Keller A and Konar B. 2023. A decade of death and other dynamics: deepening perspectives on the diversity and distribution of sea stars and wasting. *The Biological Bulletin*, 244(3), pp.000-000.
- 99) Ulaski BP, Sikes DS and Konar B. 2023. Beach-cast and drifting seaweed wrack is an important resource for marine and terrestrial macroinvertebrates in high latitudes. *Marine Environmental Research*, 187, p.105970.
- 98) *Weitzman B, Konar B, Edwards M, Rasher D, Kenner M, Tinker T, Estes J. 2023. Changes in Abiotic Drivers of Green Sea Urchin Demographics Following the Loss of a Keystone Predator. *Journal of Marine Sciences*, vol. 2023, Article ID 1198953, <https://doi.org/10.1155/2023/1198953>.
- 97) *LaBarre A, Konar B and Iken K. 2023. Influence of environmental conditions on *Mytilus trossulus* size frequency distributions in two glacially influenced estuaries. *Estuaries and Coasts*; <https://doi.org/10.1007/s12237-023-01175-0>
- 96) Castro de la Guardia L, Filbee-Dexter K, Reimer J, MacGregor KA, Garrido I, Singh RK, Bélanger S, Konar B, Iken K, Johnson LE, Archambault P, Sejr MK, Søreide JE, and Mundy CJ. 2023. Increasing depth distribution of Arctic kelp with increasing number of open water days with light. *Elementa: Science of the Anthropocene*. <https://doi.org/10.1525/elementa.2022.00051>
- 95) Filbee-Dexter K, MacGregor KA, Lavoie C, Garrido I, Goldsmit J, Castro de la Guardia L, Howland KL, Johnson LE, Konar B, McKindsey CW and Mundy CJ. 2022. Sea ice and

substratum shape extensive kelp forests in the Canadian Arctic. *Frontiers in Marine Science* 9:36.

94) Oulhen N, Byrne M, Duffin P, Gomez-Chiarri M, Hewson I, Hodin J, Konar B, Lipp EK, Miner BG, Newton AL and Schiebelhut LM. 2022. A review of asteroid biology in the context of sea star wasting: possible causes and consequences. *The Biological Bulletin* 243(1):50-75.

93) *Siegert D, Konar B, Lindeberg MR, Saupe S and Iken K. 2022. Trophic structure of key taxa in rocky intertidal communities in two contrasting high-latitude environments. *Deep Sea Research Part II: Topical Studies in Oceanography*, 198, p.105050.

92) *Guo C, Konar BH, Gorman KB and Walker CM. 2022. Environmental factors important to high-latitude nearshore estuarine fish community structure. *Deep Sea Research Part II: Topical Studies in Oceanography*, 201, p.105109.

91) *Lundstrom NC, Beaudreau AH, Mueter FJ and Konar B. 2022. Environmental Drivers of Nearshore Fish Community Composition and Size Structure in Glacially Influenced Gulf of Alaska Estuaries. *Estuaries and Coasts*, pp.1-15.

90) Filbee-Dexter K, Feehan CJ, Smale DA, Krumhansl KA, Augustine S, de Bettignies F, Burrows MT, Byrnes JEK, Campbell J, Davoult D, Dunton KH, Franco JN, Garrido I, Grace SP, Hancke K, Johnson LE, Konar B, Moore PJ, Norderhaug KM, O'Dell A, Pedersen MF, Salomon AK, Sousa-Pinto I, Tiegs S, Yiu D, Wernberg T. 2022. Kelp carbon sink potential decreases with warming due to accelerating decomposition. *PLOS Biology* 20(8): e3001702.
<https://doi.org/10.1371/journal.pbio.3001702>

89) Oulhen N, Byrne M, Duffin P, Gomez-Chiarri M, Hewson I, Hodin J, Konar B, Lipp EK, Miner BG, Newton AL, Schiebelhut LM, Smolowitz R, Wahltinez, SJ, Wessel GM, Work, TM, Zaki HA, and Wares JP. 2022. A review of asteroid biology in the context of sea star wasting: possible causes and consequences. *The Biological Bulletin*, August 2022, volume 243,
<https://doi.org/10.1086/719928>.

88) Traiger SB, Bodkin JL, Coletti HA, Ballachey B, Dean T, Esler D, Iken K, Konar B, Lindeberg MR, Monson D, Robinson B, Suryan RM, Weitzman BP. 2022. Evidence of increased mussel abundance related to the Pacific marine heatwave and sea star wasting. *Marine Ecology*. <https://doi.org/10.1111/maec.12715>

87) McCabe MK and Konar B. 2021. Influence of environmental attributes on intertidal community structure in glacial estuaries. *Deep Sea Research Part II: Topical Studies in Oceanography*, 194, p.104986.

86) Myers, H.J., Olsen, D.W., Matkin, C.O., Horstmann, L.A. and Konar, B., 2021. Passive acoustic monitoring of killer whales (*Orcinus orca*) reveals year-round distribution and residency patterns in the Gulf of Alaska. *Scientific Reports*, 11(1), pp.1-14.

85) Tinker MT, JL Bodkin, L Bowen, B Ballachey, G Bentall, A Burdin, H Coletti, G Esslinger, BB Hatfield, MC Kenner, K Kloecker, B Konar, AK Mles DH Monson, MJ Murray, BP

Weitzman, JA Estes. 2021. Sea otter population collapse in southwest Alaska: assessing ecological covariates, consequences, and causal factors. *Ecological Monographs* 91. <https://doi.org/10.1002/ecm.1472>.

84) Suryan RM, ML Arimitsu, HA Coletti, RR Hopcroft, MR Lindeberg, SJ Barbeaux, SD Batten, WJ Burt, MA Bishop, JL Bodkin, R Brenner, RW Campbell, DA Cushing, SL Danielson, MW Dorn, B Drummond, D Esler, T Gelatt, DH Hanselman, SA Hatch, S Haught, K Holderied, K Iken, DB Irons, AB Kettle, DG Kimmel, B Konar, KJ Kuletz, BJ Laurel, JM Maniscalco, C Matkin, CAE McKinstry, DH Monson, JR Moran, D Olsen, WA Palsson, WS Pegau, JF Piatt, LA Rogers, NA Rojek, A Schaefer, IB Spies, JM Straley, SL Strom, KL Sweeney, M Szymkowiak, BP Weitzman, EM Yasumiishi and SG Zador. 2021. Ecosystem response persists after a prolonged marine heatwave. *Scientific Reports* 11:1-17.

83) *Ulaski BP and B Konar 2021. Direct release of embryonic sporophytes from adult *Nereocystis luetkeana* (Laminariales, Ochrophyta) in a high latitude estuary. *Algae* 36(2):147-154.

82) *Gabara SS, BH Konar, MS Edwards. 2021. Biodiversity loss leads to reductions in community-wide trophic complexity. *Ecosphere* 12(2), p.e03361.

81) *Weitzman BP, B Konar, K Iken, H Coletti, D Monson, R Suryan, T Dean, D Hondelero, and M Lindeberg. 2021. Changes in rocky intertidal community structure during a marine heatwave in the northern Gulf of Alaska. *Frontiers in Marine Science* 8:115.

80) *Weitzman BP and B Konar. 2021. Biological correlates of sea urchin recruitment in kelp forest and urchin barren habitats. *Marine Ecology Progress Series* 663:115-125.

79) Edwards MS and B Konar. 2020. Trophic downgrading reduces spatial variability on rocky reefs. *Scientific Reports* 10:1-12.

78) Beas-Luna R, F Micheli, CB Woodson, M Carr, D Malone, J Torre, C Boch, JE Caselle, M Edwards, J Freiwald, SL Hamilton, A Hernandez, B Konar, KJ Kroeker, J Lorda, G Montaña-Moctezuma and G Torres-Moye. 2020. Geographic variation in responses of kelp forest communities of the California Current to recent climatic changes. *Global Change Biology* 26: 6457-6473.

77) *Gabara SS, *BP Weitzman, BH Konar, MS Edwards. 2020. Macroalgal defense phenotype correlates with herbivore abundance. *Marine Biology* 167:179. <https://doi.org/10.1007/s00227-020-03787-7>

76) Rasher DB, RS Steneck, JA Estes, J Halfar, KJ Kroeker, JB Ries, PTW Chan, J Fietzke, NA Kamenos, B Konar, JS Lefcheck, CJ Norley, BP Weitzman, and IT Westfield. 2020. Keystone predators govern the pathway and pace of climate impacts in a subarctic marine ecosystem. *Science* 369:1351-1354.

75) Edwards M, B Konar, J-H Kim, S Gabara, G Sullaway, TA McHugh, M Spector, and SL Small. 2020. Marine deforestation leads to widespread loss of ecosystem function. *Plos one*, 15(3), p.e0226173.

- 74) * Ulaski BP, Konar B. and Otis E.O. 2020. Seaweed reproduction and harvest rebound in Southcentral Alaska: Implications for wild stock management. *Estuaries and Coasts* 43(8):2046-2062.
- 73) *Bland A, B Konar, and M Edwards. 2019. Spatial trends and environmental drivers of epibenthic shelf community structure across the Aleutian Islands. *Continental Shelf Research* 175:12-29.
- 72) *Metzger JR, B Konar, and MS Edwards. 2019. Assessing a macroalgal foundation species: community variation with shifting algal assemblages. *Marine Biology* 166:156.
- 71) Duffy JE, L Benedetti-Cecchi, J Trinanes, FE Muller-Karger, R Ambo-Rappe, C Boström, AH Buschmann, J Byrnes, RG Coles, J Creed, and LC Cullen-Unsworth, G Diaz-Pulido, CM Duarte, JG Edgar, M Fortes, G Goni, C Hu, X Huang, CL Hurd, C Johnson, B Konar, D Krause-Jensen, K Krumhansl, P Macreadie, H Marsh, LJ McKenzie, N Mieszkowska, P Miloslavich, E Montes, M Nakaoka, KM Norderhaug, LM Norlund, RJ Orth, A Prathep, NF Putman, J Samper-Villarreal, EA Serrao, F Short, IS Pinto, P Steinberg, R Stuart-Smith, RKF Unsworth, M vanKeulen, BI vanTussenbroek, M Wang, M Waycott, LV Weatherdon, T Wernberg, and SM Yaakub. 2019. Toward a coordinated global observing system for seagrasses and marine macroalgae. *Frontiers in Marine Science* 6:317.
- 71) Konar B, *TJ Mitchell, K Iken, H Coletti, T Dean, D Esler, M Lindeberg, B Pister, and *B Weitzman. 2019. Wasting disease and static environmental variables drive sea star assemblages in the Northern Gulf of Alaska. *Journal of Experimental Marine Biology and Ecology* 520, p.151209.
- 70) Ebert TA, LM Barr, JL Bodkin, D Burcham, D Bureau, HS Carson, N Caruso, JE Caselle, JT Claisse, S Clemente, B Konar, and K Davis. 2018. Size, growth, and density data for shallow-water sea urchins from Mexico to the Aleutian Islands, Alaska, 1956–2016. *Ecology* 99:761-761.
- 69) *Traiger SB and B Konar. 2018. Mature and developing kelp bed community composition in a glacial estuary. *Journal of Experimental Marine Biology and Ecology* 501:26-35.
- 68) Konar B and K Iken. 2018. The use of unmanned aerial vehicle imagery in intertidal monitoring. *Deep Sea Research Part II: Topical Studies in Oceanography* 147:79-86.
- 67) *Lind AC and B Konar. 2017. Effects of abiotic stressors on kelp early life-history stages. *Algae* 32:223-233.
- 66) Konar B, L Frisch, and SB Moran. 2017. Development of best practices for scientific research vessel operations in a changing Arctic: A case study for *R/V Sikuliaq*. *Marine Policy* 86:182-189.
- 65) *Traiger SB and B Konar. 2017. Supply and survival: glacial melt imposes limitations at the kelp microscopic life stage. *Botanica Marina* 60:603-617.

- 64) *Groß J, B Konar, T Brey, and JM Grebmeier. 2017. Size-frequency Distribution, Growth, and Mortality of snow crab (*Chionoecetes opilio*) and Arctic lyre crab (*Hyas coarctatus*) in the Chukchi Sea from 2009 to 2013. Deep Sea Research 144:142-155.
- 63) *Fox AL, JH Trefry, RP Trocine, KH Dunton, BK Lasorsa, B Konar, CJ Ashjian, and LW Cooper. 2017. Mercury biomagnification in food webs of the northeastern Chukchi Sea, Alaskan Arctic. Deep Sea Research Part II: Topical Studies in Oceanography 144:63-77.
- 62) Konar B, MS Edwards, *A Bland, *J Metzger, *A Ravelo, *S Traiger and *B Weitzman. 2017. A swath across the great divide: Kelp forests across the Samalga Pass biogeographic break. Continental Shelf Research 143:78-88.
- 61) *Ravelo A, B Konar, B Bluhm, and K Iken. 2017. Growth and production of the brittle stars *Ophiura sarsii* and *Ophiocten sericeum* (Echinodermata: Ophiuroidea). Continental Shelf Research 139:9-20.
- 60) Krumhansl KA, DK Okamoto, A Rassweiler, M Novak, JJ Bolton, KC Cavanaugh, SD Connell, CR Johnson, B Konar, SD Ling, F Micheli, K Norderhaug, A Pérez-Matus, I Sousa-Pinto, D Reed, A Salomon, NT Shears, T Wernberg, RJ Anderson, N Barrett, AH Buschmann, MH Carr, JE Caselle, S Derrien-Courtell, G Edgar, ME Edwards, J Estes, C Goodwin, MC Kenner, DJ Kushner, FE Moy, J Nunn, RS Steneck, JA Vásquez, J Watson, J Witman, and JEK Byrnes. 2016. Global patterns of kelp forest change over the past half-century. PNAS. 113 (48) 13785-13790 .
- 59) *Traiger SB, B Konar, A Doroff, and L McCaslin. 2016. Sea otters versus sea stars as major clam predators: evidence from foraging pits and shell litter. Marine Ecology Progress Series 560:73-86.
- 58) Konar B, K Iken, H Coletti, D Monson, and *B Weitzman. 2016. Influence of static habitat attributes on local and regional rocky intertidal community structure. Estuaries and Coasts 39:1735-1745. DOI: 10.1007/s12237-016-0114-0.
- 57) Grebmeier JM, BA Bluhm, LW Cooper, SL Danielson, KR Arrigo, AL Blanchard, JT Clarke, RH Days, KE Frey, RR Gradinger, M Kedra, B Konar, KJ Kuletz, SH Lee, JR Lavvorn, BL Norcross, and SR Okkonen. 2015. Ecosystem characteristics and processes facilitating persistent macrobenthic biomass hotspots and associated benthivory in the Pacific Arctic. Progress in Oceanography 136:92-114.
- 56) Bougeois L, B Williams, J Halfar, B Konar, W Adey, A Kronz, and U Wortmann. 2015. Does the coralline alga *Leptophytum foecundum* (Kjellman) capture paleoenvironmental variability in the Arctic Ocean? Arctic, Antarctic, and Alpine Research 47:375-387.
- 55) *Ravelo AM, B Konar, and BA Bluhm. 2015. Spatial variability of epibenthic communities on the Alaska Beaufort Shelf. Polar Biology 38:1783-1804. DOI 10.1007/s00300-015-1741-9.
- 54) Konar B, M Edwards, and *T Efird. 2015. Local habitat and regional oceanographic influence on fish distribution pattern in the diminishing kelp forests across the Aleutian Archipelago. Environmental Biology of Fishes 98:1935-1951.

- 53) *Stewart N, B Konar, and MT Tinker. 2015. Testing the nutritional-limitation, predator-avoidance, and storm-avoidance hypotheses for restricted sea otter habitat use in the Aleutian Islands, Alaska. *Oecologia* 177:645-655.
- 52) *Schuster M and B Konar. 2014. Foliose algal assemblages and deforested barren areas: phlorotannin content, sea urchin grazing and holdfast community structure in the Aleutian dragon kelp, *Eualaria fistulosa*. *Marine Biology* 161:2319-2332.
- 51) Konar B, MS Edwards and JA Estes. 2014. Biological interactions maintain the boundaries between kelp forests and urchin barrens in the Aleutian Archipelago. *Hydrobiologia* 724:91- 107.
- 50) *Efird T and B Konar. 2014. Habitat characteristics can influence fish assemblages in high latitude kelp forests. *Environmental Biology of Fishes* 97:1253-1263.
- 49) *Stewart N, B Konar, and A Doroff. 2014. Sea otter (*Enhydra lutris*) foraging habitat use in a heterogeneous environment in Kachemak Bay off Alaska. *Bulletin of Marine Science* 90:921-939.
- 48) *Fox AL, *EA Hughes, RP Trocine, JH Trefry, SV Schonberg, *ND McTigue, BK Lasorsa, B Konar, and LW Cooper. 2014. Mercury in the northeastern Chukchi Sea: Distribution patterns in seawater and sediments and biomagnification in the benthic food web. *Deep Sea Research Part II: Topical Studies in Oceanography* 102:56-67.
- 47) *Ravelo AM, B Konar, JH Trefry, and JM Grebmeier. 2014. Epibenthic community variability in the northeastern Chukchi Sea. *Deep Sea Research Part II: Topical Studies in Oceanography* 102:119-131.
- 46) Konar B, *A Ravelo, J Grebmeier, and JH Trefry. 2014. Size frequency distributions of key epibenthic organisms in the eastern Chukchi Sea and their correlations with environmental parameter. *Deep Sea Research Part II: Topical Studies in Oceanography* 102:107-118.
- 45) Konar B. 2013. Lack of recovery from disturbance in high-arctic boulder communities. *Polar Biology* 36:1205-1214.
- 44) Pearse JS, MH Carr, CH Baxter, JM Watanabe, MS Foster, DL Steller, JA Coyer, B Konar, DO Duggins, and PK Dayton. 2013. Kelpbeds as classrooms: perspectives and lessons learned. *Smithsonian Contributions to the Marine Sciences*; no. 39:133-142.
- 43) Miloslavich P, JJ Cruz-Motta, E Klein, K Iken, V Weinberger, B Konar, T Trott, G Pohle, G Bigatti, L Benedetti-Cecchi, Y Shirayama, A Mead, G Palomo, and AC Peralta. 2013. Large-scale spatial distribution patterns of gastropod assemblages in rocky shores. *PLoS-ONE* DOI: 10.1371/journal.pone.0071396.
- 42) *Stewart N and B Konar. 2012. Kelp forests versus urchin barrens: alternate stable states and their effect on sea otter prey quality in the Aleutian Islands. *Journal of Marine Biology* Article ID 492308, doi:10.1155/2012/492308.

- 41) *Deiman M, K Iken and B Konar. 2012. Susceptibility of *Nereocystis luetkeana* (Laminariales, Ochrophyta) and *Eualaria fistulosa* (Laminariales, Ochrophyta) spores to sedimentation. *Algae* 27:115-123.
- 40) Edwards M and B Konar. 2012. A comparison of dragon kelp, *Eualaria fistulosa*, fecundity in urchin barrens and nearby kelp beds throughout the Aleutian Archipelago. *Journal of Phycology* 48:897-901.
- 39) Wilmers CC, JA Estes, KL Laidre, M Edwards, and B Konar. 2012. Do trophic cascades affect the storage and flux of atmospheric carbon? An analysis of sea otters and kelp forests. *Frontiers in Ecology and the Environment* doi:10.1890/110176.
- 38) Pohle G, K Iken, KR Clarke, T Trott, B Konar, JJ Cruz-Motta, M Wong, L BenedettiCecchi, A Mead, P Miloslavich, N Mieszkowska, R Milne, L Tamburello, A Knowlton, E Kimani, and Y Shirayama. 2011. Aspects of benthic decapod diversity and distribution from rocky nearshore habitat at geographically widely dispersed sites. *PLoS ONE* 6(4): e18606.doi:10.1371/journal.pone.0018606.
- 37) O'Dor R, J Acosta, O Aksel Bergstad, R Brainard, J Bratney, M Canals, D Costa, J Gunn, JK Horne, K Iken, J Kocik, B Konar, J Payne, C Reid, B Robison, D Steinke, and E Vanden Berghe. 2010. Bringing new life to ocean observation. In: Hall J, DE Harrison and D Stammer (eds) *Proceedings of OceanObs'09: Sustained Ocean Observations and Information for Society*, ESA Publication WPP-30.
- 36) Cruz-Motta JJ, P Miloslavich, G Palomo, K Iken, B Konar, G Pohle, T Trott, L Benedetti-Cecchi, A Alejandra Herná'ndez, A Sardi, A Bueno, J Castillo, E Klein, E Guerra-Castro, J Gobin, DI Go'mez, R Riosmena-Rodriguez, A Mead, G Bigatti, A Knowlton, and Y Shirayama. 2010. Patterns of spatial variation of assemblages associated with intertidal rocky shores: A global perspective. *PLoS ONE* 5(12): e14354. doi:10.1371/journal.pone.0014354.
- 35) *Merrill T, B Konar, and B Bluhm. 2010. A temporal comparison of a benthic polynya community southwest of St. Lawrence Island, Bering Sea between 2006 and 1970-1974. *Polar Biology* 33:1439-1444.
- 34) Konar B, K Iken, JJ Cruz-Motta, L Benedetti-Cecchi, A Knowlton, G Pohle, P Miloslavich, M Edwards, T Trott, E Kimani, R Riosmena-Rodriguez, M Wong, S Jenkins, A Silva, I Sousa Pinto, and Y Shirayama. 2010. Current patterns of macroalgal diversity and biomass in Northern Hemisphere rocky habitats. *PLoS ONE* 5:e13195.
- 33) Benedetti-Cecchi L, K Iken, B Konar, JJ Cruz Motta, A Knowlton, G Pohle, A Castelli, L Tamburello, A Mead, T Trott, P Miloslavich, M Wong, Y Shirayama, C Lardicci, G Palomo, and E Maggi. 2010. Spatial relationships between polychaete assemblages and environmental variables. *PLoS ONE* 5:e12946.
- 32) Iken K, B Konar, Benedetti-Cecchi L, JJ Cruz Motta, A Knowlton, G Pohle, A Mead, P Miloslavich, M Wong, T Trott, N Mieszkowska, R Riosmena-Rodriguez, L Airoidi, E Kimani, Y

Shirayama, S Frascchetti, M Ortiz-Touzet, and A Silva. 2010. Large-scale spatial distribution patterns of echinoderms in nearshore rocky habitats. PLoS ONE 5:e13845.

31) Konar B, K Iken, G Pohle, P Miloslavich, JJ Cruz-Motta, L Benedetti-Cecchi, E Kimani, A Knowlton, T Trott, T Iseto, and Y Shirayama. 2010. Surveying Nearshore Biodiversity. In: AD McIntyre (ed) Life in the World's Oceans: Diversity, Distribution, and Abundance Blackwell Publishing Ltd. (Oxford). pp 27-41.

\$ Book won two PROSE awards (American Publishers Awards for Professional and Scholarly Excellence), one for excellence in physical sciences and mathematics, and one for excellence in earth sciences

30) *Daly B and B Konar. 2010. Temporal trends in nearshore juvenile and adult crab populations in different habitats. Crustaceana 83:659-669.

29) Konar B, K Iken, and M Edwards. 2009. Depth-stratified community zonation patterns on Gulf of Alaska rocky shores. Marine Ecology 30:63-73.

28) Konar B and K Iken. 2009. Influence of taxonomic resolution and morphological functional groups in multivariate analyses of macroalgal populations. Phycologia 48:24-31.

27) *Daly B and B Konar. 2008. Effects of macroalgal structural complexity on nearshore larval and post-larval crab composition. Marine Biology 153:1055-1064.

26) Bluhm BA, KO Coyle, B Konar, and R Highsmith. 2007. High gray whale densities associated with an oceanographic front in the south-central Chukchi Sea. Deep Sea Research II 54:2919-2933.

25) Coyle KO, BA Bluhm, B Konar, AL Blanchard, and RC Highsmith. 2007. Amphipod prey of gray whales in the northern Bering Sea: comparison of biomass and distribution between the 1980s and 2002 - 2003. Deep Sea Research II 54:2906-2918.

24) Coyle KO, B Konar, A Blanchard, RC Highsmith, M Carroll, J Carroll, and S Denisenko. 2007. Temperature effects on the benthic infaunal community on the southeastern Bering Sea shelf: the potential impact of global climate change. Deep Sea Research II 54:2885-2905.

23) Hondelero D, B Konar, K Iken, and H Chenelot. 2007. Variation in low intertidal communities: submerged vs. emerged. Publications of the Seto Marine Biological Laboratory 8:29-36.

22) Chenelot H, K Iken, B Konar, and M Edwards. 2007. Spatial and temporal distribution of Echinoderms in rocky nearshore areas of Alaska. Publications of the Seto Marine Biological Laboratory 8:11-28.

21) *Chenelot H and B Konar. 2007. *Lacuna vineta* herbivory on juvenile and adult *Nereocystis luetkeana*. Hydrobiologia 583:107-118.

20) *Hamilton J and B Konar. 2007. The influence of kelp variability and substrate complexity on northern nearshore fish abundance. Fishery Bulletin 105:189-196.

- 19) Konar B. 2007. Introduction to Rocky Shore Ecology. Chapter in Y Shirayama and K Iken (eds) Handbook for Sampling Coastal Seagrass and Macroalgae Community Biodiversity. Kyoto University Press.
- 18) Konar B. 2007. Recolonization of a high latitude hard-bottom nearshore community. Polar Biology 30:663-667.
- 17) Konar B, R Riosmena-Rodriguez, and K Iken. 2006. Rhodolith bed: a newly discovered habitat in the North Pacific. Botanica Marina 49:355-359.
- 16) Highsmith RC, KO Coyle, B Bluhm, and B Konar. 2006. Gray whales in the Bering and Chukchi Seas. Chapter In: J Estes (ed) Whales, Whaling and Ocean Ecosystems. UC Press. 303-314.
- 15) Vroom P, L Walters, K Beach, J Coyer, J Smith, MJ Abgrall, D Byron, K DeAngelis, B Konar, J Liss, and R Okano. 2005. Hurricane-induced propagation and rapid regrowth of the weedy brown alga *Dictyota* in the Florida Keys. Florida Scientist 68(3):161-74.
- 14) Konar B and K Iken. 2005. Competitive dominance among sessile marine organisms in a high Arctic boulder community. Polar Biology 29:61-64.
- 13) *Brewer R and B Konar. 2005. Chemosensory responses and foraging behavior of the seastar, *Pycnopodia helianthoides*. Marine Biology 147:789-795.
- 12) Estes JA, EM Danner, DF Doak, B Konar, AM Springer, PD Steinberg, MT Tinker, and TM Williams. 2004. Complex trophic interactions in kelp forest ecosystems. Bulletin of Marine Science 74: 621-638.
- 11) Iken K and B Konar (eds.) 2003. Proceedings of the Arctic Biodiversity Workshop: New Census of Marine Life Initiative. Alaska Sea Grant College Program, University of Alaska Fairbanks, M-26, Fairbanks. 162 pp.
- 10) Konar B and JA Estes. 2003. The stability of boundary regions between kelp beds and deforested areas. Ecology 84:174-185.
- 9) Iken K and B Konar. 2003. Natural Geography in Nearshore Areas (NaGISA): The nearshore component of the Census of Marine Life. Gayana (67(2):153-160.
- 8) Konar B. 2001. Effects of varying macroalgal cover on a subarctic sea urchin population. Polar Biology 24:754-763.
- 7) Reynolds JR, RC Highsmith, B Konar, CG Wheat, and D Doudna. 2001. Fisheries and fisheries habitat investigations using undersea technology. Oceans DOI: 10.1109/OCEANS.2001.968224.
- 6) Konar B. 2000. Seasonal inhibitory effects of marine plants on sea urchins: structuring communities the algal way. Oecologia 125:208-217
- 5) Konar B. 2000. Limited effects of a keystone species: trends of sea otters and kelp forest at the Semichi Islands, Alaska. Marine Ecology Progress Series 199:271-280.

4) Konar B and C Roberts. 1996. Large scale landslide effects on two exposed rocky subtidal areas in California. *Botanica Marina* 39:517-524.

3) Lenihan HS, KA Kiest, KE Conlan, PN Slattery, BH Konar, and JS Oliver. 1995. Patterns of survival and behavior in Antarctic benthic invertebrates exposed to contaminated sediments: Field and laboratory bioassay experiments. *Journal of Experimental Marine Biology and Ecology* 192:233-255.

2) Konar, B. 1993. Demography and morphology of the geniculate coralline, *Bossiella californica* ssp. *schmittii* (Corallinales, Rhodophyta) in a central California kelp forest. *Phycologia* 32:284- 291.

1) Konar B and MS Foster. 1992. Distribution and recruitment of subtidal geniculate coralline algae. *Journal of Phycology* 28:273-280.