

Cooperative Institute of the North Atlantic Region (CINAR) Publications 4/1/2024 - 6/30/2025												
PI Name /CI Name	Author Names	Status of Publication (In Review, In Press, Published)	Publication Date	Publication Title	Published In (Journal Name, volume and page number)	Type of Publication	Citation No. (Digital Object Identifier)	CI Lead Author	NOAA Lead Author	Other Lead Author	Peer Reviewed	Non Peer Reviewed
Anderson/CINAR	Fachon, E., Pickart, R.S., Sheffield, G., Pate, E., Pathare, M., Brosnahan, M.L., Muhlbach, E., Horn, K., Spada, N.N., Rajagopalan, A., Lin, P., McRaven, L.T., Lago, L.S., Huang, J., Bahr, F., Stockwell, D.A., Hubbard, K.A., Farrugia, T.J., Lefebvre, K.A. and Anderson, D.M.	Published	7/10/24	Tracking a large-scale and highly toxic Arctic algal bloom: Rapid detection and risk communication.	<i>Limology & Oceanography Letters</i> Volume 10, Issue 1, February 2025	Journal	https://doi.org/10.1002/loi2.10421	x			x	
Anderson/CINAR	Lange, P.; Fachon, E.; Nielsen, J.; Brosnahan, M.; Zhang, J.; Mordy, C.; Gann, J.; Lomas, M.; Pate, E.; Sheffield, G.; Stabeno, P.; Robinson, D.; Pathare, M.; Lefebvre, K.; Anderson, D; Eisner, L.	Published	4/1/25	Application of dinoflagellate-specific satellite models to aid Alexandrium catenella bloom monitoring in the Bering and Chukchi seas	Journal of Environmental Management, Volume 380, April 2025	Journal	https://doi.org/10.1016/j.jenvman.2025.125042	x			x	
Anderson/CINAR	Lago, L. S., R.S. Pickart, P. Lin, F. Bahr, E. Fachon, M.L. Brosnahan, M. Pathare, W. Muhlbach, K. Horn, A. Rajagopalan, D.M. Anderson	Published	4/22/25	Physical Drivers of a Massive Harmful Algal Bloom in the Northern Bering and Chukchi Seas in Summer 2022	Journal of Geophysical Research: Oceans, vol. 130, no. 4, 2025, p. e2024JC021624	Journal	https://doi.org/10.1029/2024JC021624	x			x	
Anderson/CINAR	Lefebvre, K. A., P. Charapata, R. Stimmelmayer, P. Lin, R. S. Pickart, K. A. Hubbard, B. D. Bill, G. Sheffield, E. K. Bowers, D. M. Anderson, E. Fachon, and R. Thoman	Submitted	5/1/25	Bowhead whale feces link increasing algal toxins in the Arctic to ocean warming	Nature	Journal		x			x	
Anderson/CINAR	Lefebvre, K. A., Campbell, C. M., Divine, L. M., Melovidov, P., Hellen, H., Burek-	Published	5/26/25	Saxitoxin Linked to Deaths of Northern Fur Seals in the Southeast Bering Sea	Marine Mammal Science	Journal	https://onlinelibrary.wiley.com/doi/10.1111/mms.7002	x			x	
Cadrin/CINAR	Huntington, K., Bowers E. K., Rouse, N., Fachon	Published	1/13/25	Misinterpreting retrospective inconsistency in fishery stock assessment	ICES Journal of Marine Science 82: fsaf014	Journal	https://doi.org/10.1093/icesjms/fsaf014	X			X	
Cadrin/CINAR	Brewster LR, H Townsend, J Link, F Edwards, G DePiper, AC Hansell & SX Cadrin	In Press	N/A	A practical guide to economic frontiers for evaluating benefits of multispecies fisheries management	North American Journal of Fisheries Management	Journal		X			X	
Cadrin/CINAR	Marjadi MN, AW Jones, AJM Mercer, B Galuardi & SX Cadrin	In Review	N/A	The importance of fleet definition for estimating economic exposure of the summer flounder fishery to offshore wind farms	ICES Journal of Marine Science	Journal		X			X	
Cadrin/CINAR	Kerr LA & SX Cadrin	Published	10/31/24	New England Cod Stocks	Biology and Ecology of Atlantic Cod, Taylor & Francis pp. 39-53	Chapter	https://doi.org/10.1201/9781003120872	X			X	
Cadrin/CINAR	Kerr LA, Z Whitener, S Becker, D Goethel, DR Zemeckis, G Sherwood, A Kovach & SX Cadrin	Published	7/16/24	Stock identification of sympatric Atlantic cod populations in the Gulf of Maine and mixed stock fishery analysis using otolith-based techniques	Canadian Journal of Fisheries Science and Management 81: 1-18	Journal	https://doi.org/10.1139/cifas-2023-0159	X			X	
Cadrin/CINAR	Townsend H, JS Link, G DePiper, LR Brewster, SX Cadrin & F Edwards	Published	7/16/24	Multispecies portfolios of U.S. Marine Fisheries: ecosystem-based fisheries management reduces economic risk	Fisheries 49: 536-547	Journal	https://cdsciencepub.com/doi/10.1139/cifas-2023-0159		X		X	
Fay/CINAR	[NEFSC] Northeast Fisheries Science Center	Published	7/16/24	Northeast Ecosystem and Socioeconomic Profile Workshop Report	US Dept Commer Northeast Fish Sci Cent Tech Memo 315. 20p.	Report	https://doi.org/10.25923/2x57-9091		X		X	
Fay/CINAR	[NEFSC] Northeast Fisheries Science Center	In Review	7/16/24	Workshop Report: Adding ecosystem and socioeconomic context to scientific advice for fisheries management, May 2024	US Dept Commer Northeast Fish Sci Cent Tech Memo 326. 38 p	Report	https://doi.org/10.25923/knaj-br16		X		X	
Fay/CINAR	[NEFSC] Northeast Fisheries Science Center	In Press	7/16/24	Report of the State space models methods Research Track Stock Assessment Working Group	US Dept Commer Northeast Fish Sci Cent Tech Memo	Report			X		X	
Fay/CINAR	Bauer, T., J. Beaty, A. Carr-Harris, G. DePiper, G. Fay, S. Gaichas, S. Steinback, C. Tuohy, K. Walsh.	Published	7/16/24	Recreational Reform Initiative Management Strategy Evaluation Report: Report to Mid-Atlantic Fishery Management Council (MAFMC)		Report	NA	X	X	X	X	
Grebmeier/CINAR	Wang, Y., Z. Feng, L. Peigen, H. Song, J. Zhang, H. Wu, H. Jin, J. Chen, D. Qi, J.M. Grebmeier.	Published	12/1/24	Enhanced wind mixing and deepened mixed layer in the Pacific Arctic shelf seas with low summer sea ice.	Nature Communications	Journal	https://doi.org/10.1038/s41467-024-54733-w			x	x	
Grebmeier/CINAR	Frey, K.E, J.C. Comiso, L.V. Stock, L.N.C. Young, L.W. Cooper, and J.M. Grebmeier. 2023	Published	12/1/24	Ocean primary productivity: Response to Climate Change.	2024 Arctic Report Card	Report	https://doi.org/10.25923/9ex0-t425			x		x
Grebmeier/CINAR	Danielson, S., J.M. Grebmeier et al. 2024.	Published	5/1/25	Arctic Collaborative Ecosystem Cruise Report: SKQ2024125	UNOLS website	Report				x		

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Jakuba/CINAR	Chang, J-H, C. Fairclough and D. Hart	Published	9/12/24	2024 Scallop Survey Short Report Habcam/LRAUV	n/a	NOAA Report	unknown		X			X
Ji/CINAR	Honda, I.A., Ji, R., Britten, G.L., Thompson, C., Solow, A.R., Zang, Z., Runge, J.A.	Published	7/16/24	Shifting Phenology as a Key Driver of Shelf Zooplankton Population Variability	Limnology and Oceanography	Journal	https://doi.org/10.1002/ino.12752				x	
Ji/CINAR	Thompson, Cameron R. S., Isabel A. Honda, Jacob P. Kritzer, Jackie Motyka, Jeffrey A. Runge, and Rubao Ji.	Published	7/17/24	Modeling the Advective Supply of Calanus Finmarchicus to Stellwagen Bank as an Indicator of Sand Lance Foraging Habitat, and the Climate Vulnerability of a National Marine Sanctuary	Frontiers in Marine Science	Journal	https://doi.org/10.3389/fmars.2025.1527073				x	
Kerr/CINAR	Brothers, R., Kerr, L., Jesse, J., Cadrin, S., Chen, Y., Perretti, C.	Published	3/20/24	Comparing Candidate Spatial Management Unit Structures for U.S. Atlantic Cod: Preliminary Demonstrations.	N/A	White Paper					x	
Kerr/CINAR	Lankowicz, K.**, Grabowski, J., Sherwood, G., Kerr, L.	In Press	7/17/24	Spatial density and habitat associations of Atlantic Cod on the Northeastern US Continental Shelf	Canadian Journal of Fisheries and Aquatic Science	Peer-reviewed manuscript					x	
Kerr/CINAR	Kerr, L., Behan, J. Cadrin, S.X. Hart, A.**, Hansell, A.**, Miller, T., Large, S. Tyrell, A. Kittel, J.*.	In Prep	N/A	Integrating Climate Information into Fishery Stock Assessment in a Rapidly Warming Region	Fish and Fisheries	Peer-reviewed manuscript					x	
Kerr/CINAR	Behan, J., Kerr, L.A.	In Prep	N/A	Impacts of changing ocean conditions on American Plaice (Hippoglossoides platessoides) Stock Dynamics.	Canadian Journal of Fisheries and Aquatic Science	Peer-reviewed manuscript					x	
Kerr/CINAR	Barron, J., Kerr, L.	Published	7/16/24	Ecosystem Profile of Winter Flounder.	Winter Flounder Research Track	working paper					x	
Kerr/CINAR	Kittel J, S Cadrin, C McManus, H duPontavice, A Hansell, T Dolan, C Legault, C Adams, L Kerr, J Behan, S Large, A Tyrell & L Alade	Published	7/16/24	Ecosystem and climate influences on yellowtail flounder.	Yellowtail flounder Research Track	working paper					x	
Kerr/CINAR	Hansell A, J Kittel, C Carrano & S Cadrin	Published	7/16/24	Assessment model, biological reference points and projection development for Georges Bank yellowtail flounder.	Yellowtail flounder Research Track	working paper					x	
Kerr/CINAR	Lankowicz, K.**, Grabowski, J., Sherwood, G., Kerr, L.	In Press	7/17/24	Spatial density and habitat associations of Atlantic Cod on the Northeastern US Continental Shelf	Canadian Journal of Fisheries and Aquatic Science	Peer-reviewed manuscript					x	
Kerr/CINAR	Behan, J., Kerr, L.A.	In Prep	N/A	Impacts of changing ocean conditions on American Plaice (Hippoglossoides platessoides) Stock Dynamics.	Canadian Journal of Fisheries and Aquatic Science	Peer-reviewed manuscript					x	
Kerr/CINAR	Barron, J., Kerr, L.	Published	7/16/24	Ecosystem Profile of Winter Flounder.	Winter Flounder Research Track	working paper						x
Kerr/CINAR	Kittel J, S Cadrin, C McManus, H duPontavice, A Hansell, T Dolan, C Legault, C Adams, L Kerr, J Behan, S Large, A Tyrell & L Alade	Published	7/16/24	Ecosystem and climate influences on yellowtail flounder.	Yellowtail flounder Research Track	working paper						x
Kerr/CINAR	Kerr, L., Jesse, J., Cadrin, S.	Published	7/17/24	Defining Biological Reference Points in a Dynamic Northeast U.S. Marine Environment. Workshop Report		Workshop Report					x	
Mills/CINAR	Mills, K. E., M. F. Barajas, O. Mulvey-McFerron, A. C. Thomas, Jason Valliere, and J. F. Kocik.	In prep	N/A	Linkages between marine and riverine environmental phenology and adult Atlantic salmon return timing	Global Change Biology	Journal		X			X	
Mills/CINAR	Barajas, M. F., T. F. Sheehan, R. E. Haas-Castro, B. Ellingson, and K. E. Mills	In prep	N/A	Characterizing marine growth patterns of surviving Penobscot River Atlantic salmon using a machine learning approach	ICES Journal of Marine Science	Journal		X			X	
Mills/CINAR	Ferguson, K., Shackell, N., Allyn, A., den Heyer, C., Keith, D., Mills, K. and Tam, J.	In prep	N/A	Using spatio-temporal models to integrate different surveys to study distribution shifts across transboundary borders for fisheries management: Canada and USA	ICES Journal of Marine Science	Journal		X			X	
Mills/CINAR	Grüss, A., Allyn, A., Thorson, J., Mills, K., Yasumiishi, E., Pinkerton, M., Parsons, D. and Sibanda, N.	In prep	N/A	Probabilistic forecasts of fish abundances with spatio-temporal models to support fisheries management	Fish and Fisheries			X			X	
Mills/CINAR	DiFiore, B.P., S. Large, and K.E. Mills	In prep	N/A	Increasing ecosystem-scale functional resilience despite high species turnover and broad shifts in functional trait distributions: Lessons from a Large Marine Ecosystem.	Global Change Biology	Journal		X			X	

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Mills/CINAR	DiFiore, B., S. Large, and K. Mills	Submitted	N/A	NE Shelf Functional Trait Indicators.	Northeast Fisheries Science Center 2025 State of the Ecosystem indicator submission. https://github.com/NOAA-A-EDAB/catalog/issues/130			X			X	
Moore/CINAR	Moore, M. J., T. M. Lanagan, R. S. Wells, J. Kapit, A. A. Barleycorn, J. B. Allen, R. W. Baird, C. D. Braun, G. B. Skomal, and S. R. Thorrold	Published	4/15/24	Development of single-pin, un-barbed, pole-tagging of free-swimming dolphins and sharks with satellite-linked transmitters	Animal Biotelemetry 12:6	scientific	https://doi.org/10.1186/s40317-024-00364-3	x			x	
Mouw/CINAR	Grunert, B.K., A.B. Ciochetto, C.B. Mouw	Accepted	N/A	A hyperspectral approach for retrieving inherent optical properties, phytoplankton pigments, and associated uncertainties from non-water absorption	<i>Frontiers of Marine Science</i>	journal				x	x	
Mouw/CINAR	Avouris, D.M., F. Maciel, S.L. Sharp, S.E. Craig, A.G. Dekker, C. Di Vittorio, J.R. Gardner, E. Goldsmith, J.I. Gossn, S.R. Greb, B.K. Grunert, D. Gurlin, M. Jampani, R.M. Khan, B. Lowin, L. McKinna, C.B. Mouw, I. Ogashawara, S. Rivero Calle, W. Salls, J.A. Sánchez Cabeza, B. Schaeffer, B.N. Seegers, J. Silander, E. Smail, M. Wang, and J. Werdell	in revision	N/A	Advancements in satellite observations of inland and coastal waters: building towards a global validation network	<i>Earth Science Reviews</i>	journal				x	x	
Mouw/CINAR	Griavello, R. C.B. Mouw, A.B. Ciochetto, K. Hyde	in revision	N/A	Drivers of phytoplankton communities across thermal regimes and marine heat waves in the U.S. Northeast Shelf	<i>Journal of Geophysical Research-Oceans</i>	journal				x	x	
Murray/CINAR	Criss, M., Walsh, J., Obiol, J.F., Boone, J., Murray, C.S., Chambers, R.C., Petersen, A.	In Review	N/A	Two genomes of the white perch (<i>Morone americana</i>), an ecologically important teleost	Heredity	Journal				X	X	
Oliveira/CINAR	Ethan M. Hobbs, Timothy F. Sheehen, Kenneth Oliveira, Mark J. Wuenschel	in review	N/A	Effects of storage time and temperature on subsequent wet weight and percent dry weight of <i>Fundulus heteroclitus</i>	J. of Applied Ichthyology	Journal					x	
Pickart/CINAR	Pickart, R.S., M.A. Spall, F. Bahr, L. Lago, P. Lin, A. Pacini, J. Huang, K.R. Arrigo, M. Mills, G. van Dijken L.T. McRaven, and S. Roberts	Published	10/30/24	Vertical carbon export during a phytoplankton bloom in the Chukchi Sea: Physical setting and frontal subduction	Journal of Geophysical Research	Journal	https://doi.org/10.1029/2024JC021465	x			x	
Pickart/CINAR	Fachon, E., R.S. Pickart, G. Sheffield, E. Pate, M. Pathare, M. L. Brosnahan, E. Muhlbach, K. Horn, N. N. Spada, A. Rajagopalan, P. Lin, L.T. McRaven, F. Bahr, D.A. Stockwell, K. A. Hubbard, T.J. Farrugia, K. A. Lefebvre, and D.M. Anderson	Published	7/10/24	An unprecedented toxic algal bloom in Arctic waters	Limnology and Oceanography Letters	Journal	https://doi.org/10.1002/lol2.10421			x	x	
Pickart/CINAR	Wang, Y., P. Lin, and R.S. Pickart	Published	11/8/24	Nutrient-rich winter water formation on the Beaufort shelf, Arctic Ocean	Journal of Geophysical Research	Journal	10.1029/2024JC021195			x	x	
Pickart/CINAR	Lago, L.S., R.S. Pickart, P. Lin, F. Bahr, E. Fachon, M. L. Brosnahan, M. Pathare, E. Muhlbach, K. Horn, A. Rajagopalan, D. M. Anderson	Accepted	N/A	Physical drivers of a massive harmful algal bloom in the Chukchi Sea in summer 2022	Journal of Geophysical Research	Journal	N/A			x	x	
Pickart/CINAR	Lefebvre, K. A., P. Charapata, R. Stimmelmayr, P. Lin, R. S. Pickart, K. A. Hubbard, B. D. Bill, G. Sheffield, E. K. Bowers, D. M. Anderson, E. Fachon, and R. Thoman	Submitted	N/A	19 years of bowhead bowel samples show increasing algal toxins in Arctic food web due to warming ocean conditions	Nature	Journal	N/A			x	x	
Pickart/CINAR	Lin, P., R.S. Pickart, M. Pisareva, and B. Williams	Submitted	N/A	Upper-layer Circulation at the Mouth of Amundsen Gulf, Arctic Ocean	Progress in Oceanography	Journal	N/A			x	x	
Pickart/CINAR	Zhang, X, P. Lin, R.S. Pickart, D.J. Torres, F. Bahr, A.E. Houk, L.S. Lago, X-Y Yang	Submitted	N/A	Seasonal to interannual variation of the Beaufort Shelfbreak Jet using two decades of mooring data, 2002-2022	Journal of Geophysical Research	Journal	N/A			x	x	
Pickart/CINAR	Lefebvre, K., C.M. Campbell, L.M. Divine, P. Melovidov, H. Hellen, K.B. Huntington, E.K. Bowers, N. Rouse, E. Fachon, T.J. Farrugia, R.S. Pickart, P. Lin, L. Lago, F. Bahr, E. Furst, C.G. Duncan, P. Charapata, D.M. Anderson, G. Kurtay	Submitted	N/A	Saxitoxin linked to deaths of northern fur seals in the Southeast Bering Sea	Marine Mammal Science	Journal	N/A			x	x	

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Saba/CINAR	Northeast Fisheries Science Center and contributors	In press	N/A	State of the Ecosystem 2025: Mid-Atlantic. Northeast Fisheries Science Center	NOAA Institutional Repository	Non-series report	awaiting doi				X	
Saba/CINAR	Northeast Fisheries Science Center and contributors	In press	N/A	State of the Ecosystem 2025: New England. Northeast Fisheries Science Center	NOAA Institutional Repository	Non-series report	awaiting doi				X	
Sherwood/CINAR	Lankowicz, K.; Grabowski, J.; Sherwood, G.; Kerr, L.	In press	7/17/24	Spatial density and habitat associations of Atlantic Cod on the Northeastern US Continental Shelf	Canadian Journal of Fisheries and Aquatic Sciences		NA	X			X	
Sherwood/CINAR	Grabowski, J.; Villanueva-Galarza, N.; White, W.; Lankowicz, K.; Giacalone, V.; Odell, J.; Sherwood, G.	In prep	7/17/24	Mapping distributions of cod in the Gulf of Maine using Fisher Ecological Knowledge	TBD		NA	X			X	
Todd / CINAR	A.S. Ren, R.E. Todd	published	3/7/25	Springtime warming by ocean advection in the Gulf Stream	Geophys. Res. Lett.	journal	https://doi.org/10.1029/2024GL111000	X			X	
Todd / CINAR	N.K. Ayoub, M.P. Chidichimo, E. Dever, X. Guo, S.Y. Kim, M. Martin Miguez, T. Morris, M. Roughan, J. Sprintall, K. Tanaka, R.E. Todd, J. Wilkin, E. Álvarez-Fanjul, M. Andres, A. Bosse, C.A. Edwards, J. Gula, C.G. Kerry, Y. Miyazawa, P. Oddo, E. Oka, K.D. Zaba	published	12/1/24	Observing ocean boundary currents: Lessons learned from six regions with mature observational and modeling systems	Oceanography	journal	https://doi.org/10.5670/oceanog.2024.504			X	X	
Wang/CINAR	Ringham, M., Z. A. Wang, F. Sonnichsen, S. Lerner, G. McDonald, and J. Pfeifer.	Published	7/16/05	Development of the Channelized Optical System II for In Situ, High-Frequency Measurements of Dissolved Inorganic Carbon in Seawater	ACS EST Water 2024, 4, 1775–1785	Peer-reviewed journal article	https://pubs.acs.org/doi/10.1021/acsestwater.3c00787	X			X	
Weller/CINAR	Ranganathan, S. R.A. Weller, R. Venkatsen, A. Tandon, M. Arul Muthiah, and M. Mohapatra	published	9/1/24	Performance of moored real time ocean observations during cyclones in the Bay of Bengal	Mar. Tech. Soc. Jnl., 58(s), pp. 56-69	journal	https://doi.org/10.4031/MTSJ.58.3.4			X	X	
Weller/CINAR	Riihimaki L.D., M.F.Cronin, R. Acharya, N. Anderson, J.A. Augustine, K.A. Balmes, P. Berk, R. Bozzano, A. Bucholtz, K. J. Connell, C.J. Cox, A. G. di Sarra, J. Edson, C.W. Fairall, J.T. Farrar, K. Grissom, M.T. Guerra, V. Hormann, K. J. Joseph, C. Lanconelli, F. Melin, D. Meloni, M. Ottaviani, S. Pensieri, K. Ramesh, D. Rutan D, Samarinas N, Smith SR, A. Swart, A. Tandon, E.J. Thompson, R. Venkatesan, R.K. Verma, V.Vitale, K.S.Watkins-Brandt, R.A. Weller, C.J. Zappa and D.Zhang,	pubshied	8/1/24	Ocean surface radiation measurement best practices	Front. Mar. Sci. 11:1472720.	Journal	https://www.frontiersin.org/journals/marine-science/articles/10.3389/fmars.2024.1472720/full		X		X	
Plueddemann /CINAR	Taenzer, L. K. Chen, A.J. Plueddemann, G. Gawarkiewicz	in press	N/A	Seasonal stratification of the US Northeast continental shelf cold pool driven by imbalance between cross-shelf fluxes and mixing,	J. Geophys. Res.,	Journal				X	X	
Wijffels/CINAR	Hersh C., S. Wijffels, G. Gebbie, and G. Forget	Published	3/18/25	The long lives of subtropical spice and vorticity anomalies in the subtropical oceans	J. Phys. Oceanogr., 55(2), 131-153	Journal	https://journals.ametsoc.org/view/journals/phoc/aop/10.1175/JPO-D-24-0081.1/JPO-D-24-0081.1.pdf			X	X	
Wijffels/CINAR	Shi, J.R., Santer, B. D., Kwon, Y-O and S. Wijffels	Published	3/18/25	Annual Cycle Changes in the Vertical Structure of Ocean Temperature: A Fingerprint of Human Influence on Climate	J. Climate, 38(7), 1595–1610	Journal	https://doi.org/10.1175/JCLI-D-24-0418.1			X	X	
Wijffels/CINAR	Wijffels, S. E., G. Gebbie and P. E. Robbins	Published	12/16/24	Resolving the ubiquitous small-scale semi-permanent features of the general ocean circulation: a multiplatform observational approach	J. Phys. Oceanogr., 54 (12), 2503–2521.	Journal	https://doi.org/10.1175/JPO-D-23-0225.1	X			X	
Yu/CINAR	Chen, Y., & Yu, L.	Published	4/1/24	Signature of mesoscale eddies on air-sea heat fluxes in the North Indian Ocean	Journal of Geophysical Research, Oceans, 129, e2023JC019878.	Article	https://doi.org/10.1029/2023JC019878	X			X	
Yu/CINAR	Chen, Y., & Yu, L	Published	4/1/24	Mesoscale meridional heat transport inferred from sea surface observations	Geophysical Research Letters, 51, e2023GL106376	Article	https://doi.org/10.1029/2023GL106376	X			X	
Yu/CINAR	McPhaden, M. J., Beal, L. M., Bhaskar, U., Lee, T., Nagura, M., Strutton, P. G., & Yu, L.	Published	5/1/24	The Indian Ocean Observing System (IndOOS)	"The Indian Ocean and its role in the global climate system", C. Ummenhofer and R. Hood, Editors. Chapter 17, 393-419.	Book Chapter	https://doi.org/10.1016/B978-0-12-822698-8.00002-0		X		X	

