

Cooperative Institute of the North Atlantic Region (CINAR) Publications 2023-2024							
PI Name / CI Name		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)
Anderson, Don	Hallegraef, G.M.; Anderson, D.M.; Davidson, K.; Gianella, F.; Hansen, P.J.; Hegaret, H.; Iwataki, M.; Larsen, T.O.; Mardones, J.; MacKenzie, L.; Rensel, J.E.	Published	6/25/05	Fish-Killing Marine Algal Blooms: Causative Organisms, Ichthyotoxic Mechanisms, Impacts and Mitigation.	UNESCO-IOC/SCOR, 96pp.	Manual/Guide	DOI: <a href="https://doi.org/10.25607/OBP-1964">https://doi.org/10.25607/OBP-1964</a>
Anderson, Don	Dai, Y., Yang, S., Zhao, D., Hu, C., Xu, W., Anderson, D.M.	Published	3/1/23	Coastal phytoplankton blooms expand and intensify in the 21st century	Nature 615, pp. 280–284	Journal	doi.org/10.1038/s41586-023-05760-y
Anderson, Don	Hubbard KA, Villac MC, Chadwick C, DeSmidt AA, Flewelling L, et al.	Published	3/22/23	Spatiotemporal transitions in <i>Pseudo-nitzschia</i> species assemblages and domoic acid along the Alaska coast.	PLoS ONE 18(3): e0282794	Journal	<a href="https://doi.org/10.1371/journal.pone.0282794">https://doi.org/10.1371/journal.pone.0282794</a>
Apprill, Amy	Becker, C. C., Weber, L., Zgliczynski, B., Sullivan, C., Sandin, S., E, M., S., C. A., Kido Soule, M., Longecker, K., Kujawinski, E., & Apprill, A.	Published	9/1/23	Microorganisms and dissolved metabolites distinguish Florida's Coral Reef habitats	PNAS Nexus, 2:pgad287	Journal	<a href="https://doi.org/10.1093/pnasnexus/pgad287">10.1093/pnasnexus/pgad287</a>
Apprill, Amy	Garcia, B. M., Becker, C. C., Weber, L., Swarr, G. J., Kido Soule, M. C., Apprill, A., & Kujawinski, E. B.	Published	12/1/23	Advancing Reef Monitoring Techniques through Exometabolomics: Quantification of Labile Dissolved Organic Metabolites on Coral Reefs	BioRxiv	Archive	0.1101/2023.12.20.572630
Apprill, Amy	Garcia, B. M., Becker, C. C., Weber, L., Swarr, G. J., Kido Soule, M. C., Apprill, A., & Kujawinski, E. B.	In Review		Advancing Reef Monitoring Techniques through Exometabolomics: Quantification of Labile Dissolved Organic Metabolites on Coral Reefs	Journal of Proteome Research	Journal	<a href="https://doi.org/10.1101/2023.12.20.572630">https://doi.org/10.1101/2023.12.20.572630</a>
Apprill, Amy	Becker, C.C., Weber, L., Llopiz J.K., Mooney, T.A., Apprill A.	Published	4/4/24	Microorganisms uniquely capture and predict stony coral tissue loss disease and hurricane disturbance impacts on US Virgin Islands reefs	Environmental Microbiology Volume26, Issue4 April 2024; e16610	Journal	<a href="https://doi.org/10.1111/1462-2920.16610">doi.org/10.1111/1462-2920.16610</a>
Cadrin, Steve	Allen-Jacobson LM, AW Jones, A Mercer, SX Cadrin, B Galuardi, D Christel, A Silva, A Lipsky, JB Haugen.	Published	2/28/23	Evaluating potential impacts of offshore wind development on fishing operations by comparing fine- and coarse-scale fishery dependent data	Marine and Coastal Fisheries Volume15, Issue1; February 2023;e10233	Journal	DOI: 10.1002/mcf2.10233
Cadrin, Steve	Harpur, G., Clark, M., Czesnik, S., Cadrin, S., Fay, J., Lynch, H., Townsend, R., Methot, G.D., Adams, K., Blackhart, C., Barceló, A., Buchheister, M., Cieri, D., Chagaris, V., Christensen, J.K., Craig, J., Cummings, M.D., Damiano, M., Dickey-Collas, B., Elvarsson, S., Gaichas, M.A., Haltuch, J.B., Haugen, D., Howell, I.C., Kaplan, W., Klajbor, S.I., Large, M., Masi, J., McNamee, B., Muffley, S., Murray, É., Plagányi, D., Reid, A., Rindorf, S.R., Sagarese, A.M., Schueller, R., Thorpe, J.T., Thorson, M.T.	Published	1/23/23	Increasing the uptake of multispecies models in fisheries management	ICES Journal of Marine Science, Volume 80, Issue 2, March 2023, Pages 243–257	Journal	DOI: 10.1093/icesjms/fsad001
Cadrin, Steve	Carrano, C.; Cadrin, S.X.	Published	2023	Improved estimates of selectivity for a long-term fishery-independent survey with technological changes	ASC 2023 - Theme session D. Conference contribution.	Conference Proceeding	<a href="https://doi.org/10.17895/ices.pub.24440521">https://doi.org/10.17895/ices.pub.24440521</a>
Cadrin, Steve	Frey, A.; Cadrin, S.	Published	2023	Pre-construction baseline of spawning cod and their habitat preferences in offshore renewable energy areas	ASC 2023 - Theme session A. Conference contribution.	Conference Proceeding	<a href="https://doi.org/10.17895/ices.pub.24440752">https://doi.org/10.17895/ices.pub.24440752</a>
Cadrin, Steve	Hansell, A.; Cadrin, S.; Curti, K.; Hart, A.; McManus, C.; Kerr, L.	Published	2023	Accounting for spatial shifts and environmental drivers of catchability in stock assessment	ASC 2023 - Theme session P. Conference contribution.	Conference Proceeding	<a href="https://doi.org/10.17895/ices.pub.24305050">https://doi.org/10.17895/ices.pub.24305050</a>
Cadrin, Steve	Kittel, J.; Kerr, L.; Hansell, A.; de Pontavice, H.; McManus, C.; Cadrin, S.	Published	2023	Environmental effects on yellowtail flounder population dynamics	ASC 2023 - Theme session P. Conference contribution.	Conference Proceeding	<a href="https://doi.org/10.17895/ices.pub.24440716">https://doi.org/10.17895/ices.pub.24440716</a>
Cadrin, Steve	McGinnis, L.; Hansell, A.; Fay, G.; Cadrin, S.	Published	2023	Comparing methods for standardizing fishery catch rates to supplement survey indices in Northeast US Atlantic cod stock	ASC 2023 - Theme session B. Conference contribution.	Conference Proceeding	<a href="https://doi.org/10.17895/ices.pub.24305050">https://doi.org/10.17895/ices.pub.24305050</a>
Greig, Hamish	Watson, V.	Published	8/18/23	Effects of restoration on basal resources, macroinvertebrates, and ecosystem processes in the Narraguagus River, Maine	Digital Commons Umaine	MSc Thesis	<a href="https://digitalcommons.library.umaine.edu/etd/3821">https://digitalcommons.library.umaine.edu/etd/3821</a>

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Greig, Hamish	Published	7/7/23	Rivers: dynamic ecosystems that carve and connect the landscape. <i>In Our Maine: exploring the State's natural heritage</i>	Downeast Books; Published August 2023	Book Chapter	ISBN: 9781684750474
Greig, Hamish	Published	5/5/23	Atlantic coast rivers of the northeastern united states. <i>In Rivers of North America Volume 2.</i>	Elseiver Publishing; Published 2023	Book Chapter	ISBN: 9780128188477
Greig, Hamish	Published	5/8/23	Restoration of Atlantic Salmon in the Narraguagus River, Maine		Undergraduate Capstone Paper	None
Griffin, Robert	Published	7/15/05	Modeling marine ecosystem services	Encyclopedia of Biodiversity, second edition	Book chapter	10.1016/B978-0-12-384719-5.00333-6
Kerr, Lisa	Published	2023	Linking knowledge and action for climate-ready fisheries: Emerging best practices across the US	Marine Policy Volume 155, September 2023, 105758	Peer reviewed Journal	<a href="https://doi.org/10.1016/j.marpol.2023.105758">https://doi.org/10.1016/j.marpol.2023.105758</a> .
Maas, Amy	in review		Sea butterflies in a pickle: Seasonal sensitivity of <i>Limacina retroversa</i> to ocean acidification in the Gulf of Maine	Conservation Physiology	Peer reviewed Journal	<a href="https://doi.org/10.1101/2023.07.31.551235">10.1101/2023.07.31.551235</a>
Mills, Kathy	Published	2023	A synthesis of U.S. Atlantic salmon habitat requirements and implications for future suitability under a changing climate.	ICES Journal of Marine Science 80(8): 2051-2073	peer-reviewed paper	DOI:10.1093/icesjms/fsad127
Mills, Kathy	Published	2023	Current and predicted ecological impacts of climate change to salmon productivity in the North Atlantic, in marine habitats.	Report of a Theme-Based Special Session of the Council: <i>Informing a Strategic Approach to Address the Impacts of Climate Change on Wild</i>	report	<a href="https://nasco.int/wp-content/uploads/2023/05/CNL2349_Mills-Sheehan_2023-NASCO-TBSS-Climate-Change.pdf">https://nasco.int/wp-content/uploads/2023/05/CNL2349_Mills-Sheehan_2023-NASCO-TBSS-Climate-Change.pdf</a>
Mills, Kathy	Published	2023	The second ICES/NASCO workshop on salmon mortality at sea (WKSALMON2; outputs from 2022 meeting)	ICES Scientific Reports 5:36	report	<a href="https://doi.org/10.17895/ices.pub.22560790">https://doi.org/10.17895/ices.pub.22560790</a>
Moore, Michael	Published	4/15/24	Single-pin, un-barbed, pole-tagging of free-swimming dolphins and sharks with satellite-linked transmitters.	Anim Biotelemetry 12, 6 (2024)	Journal	<a href="https://doi.org/10.1186/s40317-024-00364-3">doi.org/10.1186/s40317-024-00364-3</a>
Mouw, Colleen	Published	2/19/24	Patterns in the temporal complexity of global chlorophyll concentration	<i>Nat Commun</i> 15, 1522 (2024)	Journal	<a href="https://doi.org/10.1038/s41467-024-45976-8">https://doi.org/10.1038/s41467-024-45976-8</a>
Oliveira, Ken	Published	3/1/24	Variation in Energy Density of Northwest Atlantic Forage Species: Ontogenetic, Seasonal, Annual, and Spatial Patterns.	<i>Marine and Coastal Fisheries: Dynamics, Management, and Ecosystem Science</i> , 16, e10287.	Research	<a href="https://doi.org/10.1002/mcf2.10287">https://doi.org/10.1002/mcf2.10287</a>
Pickart, Robert	Published	1/4/23	Boundary Currents at the Northern Edge of the Chukchi Sea at 166°W	Journal of Geophysical Research: Oceans, 128, e2022JC018997	Journal	<a href="https://doi.org/10.1029/2022JC018997">10.1029/2022JC018997</a>
Pickart, Robert	Published	5/8/23	Recent state transition of the Arctic Ocean's Beaufort Gyre	Nat. Geosci. 16, 485–491 (2023)	Journal	<a href="https://doi.org/10.1038/s41561-023-01184-5">10.1038/s41561-023-01184-5</a>
Pickart, Robert	Published	8/1/23	Formation and circulation of Newly Ventilate4d Winter Water in the western Beaufort Sea	Progress in Oceanography, Volume 216, 2023, 103068,	Journal	<a href="https://doi.org/10.1016/j.poccean.2023.103068">10.1016/j.poccean.2023.103068</a>
Pickart, Robert	Published	6/13/23	Structure and variability of the Barrow Canyon outflow from two high-resolution shipboard surveys in 2018	Journal of Geophysical Research: Oceans, 128, e2023JC019640.	Journal	<a href="https://doi.org/10.1029/2023JC019640">10.1029/2023JC019640</a>

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Pickart, Robert	Pickart, R.S.; Lin, P.; and 32 co-authors	Published	12/1/23	The Pacific water flow branches in the Chukchi Sea.	Progress in Oceanography, Volume 219, 2023, 103169,	Journal	10.1016/j.pocean.2023.103169
Pickart, Robert	Yee, R.; Musgrave, R.; Fine, E.; Nash, J.; St. Laurent, L.; Pickart, R.S.	Published	2/28/24	Turbulent diffusivity profiles inferred from temperature microstructure at the southern edge of the Canada Basin	Journal of Geophysical Research: Oceans, 129, e2023JC019932.	Journal	10.1029/2023JC019932
Pickart, Robert	Fachon, E.; Pickart, R.S.; and 18 co-authors	Submitted	Pending	An unprecedented toxic algal bloom in Arctic waters	Communications, Earth, and Environment	Journal	
Saba, Grace	Many from NOAA NEFSC and other contributors including G. Saba	Published	3/1/23	State of the Ecosystem 2023 Report: Mid-Atlantic	NOAA repository	Report	<a href="https://doi.org/10.25923/vy6j-w454">https://doi.org/10.25923/vy6j-w454</a>
Saba, Grace	Many from NOAA NEFSC and other contributors including G. Saba	Published	3/1/23	State of the Ecosystem 2023 Report: New England	NOAA repository	Report	<a href="https://doi.org/10.25923/9sb9-ni66">https://doi.org/10.25923/9sb9-ni66</a>
Saba, Grace	Many from NOAA NEFSC and other contributors including G. Saba	In Review		State of the Ecosystem 2024 Report: Mid-Atlantic	NOAA repository	Report	
Saba, Grace	Many from NOAA NEFSC and other contributors including G. Saba	In Review		State of the Ecosystem 2024 Report: New England	NOAA repository	Report	
Stoll, Joshua	Advani, S.; O'Hara, J.K.; Shoffler, S.M.; Pinto da Silva, P.; Agar, J.; Arnett, J.; Brislen, L.; Cutler, M.; Harley, A.; Hospital, J.; Norman, K.; Ragland, E.; Squires, D.; Stoffle, B.; Szymkowiak, M.; Vega-Labiosa, A.J.	Published	7/1/24	Estimating the scope, scale, and contribution of direct seafood marketing to the United States seafood sector	Marine Policy, Volume 165, 2024, 106188,	Peer Reviewed	<a href="https://doi.org/10.1016/j.marpol.2024.106188">https://doi.org/10.1016/j.marpol.2024.106188</a>
Stoll, Joshua	Stoll, J.	In Press		Spotlight Topic — U.S. Direct Seafood Marketing Estimates	Fisheries Economics of the United States		
Stoll, Joshua	Advani, S.; Sahir; Shoffler, S.M.; O'Hara, J.; Squires, D.; Ragland, E.; Vega-Labiosa, A.J.; Arnett, J.; da Silva, P.; Stoll, J.	Published	20-Feb-24	Fact Sheet 1 - Sector Details	OSF, 10 May 2024. Web.	Communication	10.17605/OSF.IO/V5TPH
Todd, Robert	Todd, R.E; Ren, A.S.	Published	10/9/23	Warming and lateral shift of the Gulf Stream from in situ observations since 2001	Nature Climate Change, 13, 1348-1352	Paper	<a href="https://doi.org/10.1038/s41558-023-01835-w">10.1038/s41558-023-01835-w</a>
Todd, Robert	Mao, S.; He, R.; Bane, J.; Gawarkiewicz, G.; Todd, R.E.	Published	8/19/23	A data-assimilative modeling investigation of Gulf Stream variability	Deep Sea Research Part II, 211, 105319	Paper	<a href="https://doi.org/10.1016/j.dsr2.2023.105319">10.1016/j.dsr2.2023.105319</a>
Todd, Robert	Quattrini, A.M.; Nizinkski, M.S.; Lunden, J.J.; Mienis, F.; Morrison, C.L.; Sautter, L.; Seim, H.; Todd, R.E; Reed, J.	Published	12/28/23	Cold-water coral reefs of the southeastern United States	Coral Reefs of the World, vol 19. Springer, Cham.	Chapter	10.1007/978-3-031-40897-7_4
Waller, Rian	Beckmann, L.; Hoff, G.; Waller R.G.		2023	Deepwater coral and sponge gardens in Alaska: Reproduction and recruitment of keystone species.	International Symposium on Deep Sea Corals,	Paper	
Weller, Robert Plueddemann, Albert	Boyer, T. and 43 including Weller, R.A. and Plueddemann, A. J.	Published	2/23/23	Effects of the Pandemic on the Ocean Observing System	Bull. Amer. Met Soc., 104(2), 389-410.	journal	<a href="https://doi.org/10.1175/BAMS-D-21-0210.1">https://doi.org/10.1175/BAMS-D-21-0210.1</a>
Weller, Robert	Miller, U.K.; Zappa, C.J.; Zippel, S.; Farrar, J.T.; Weller, R.A.	Published	1/16/23	Scaling of Moored Surface Ocean Turbulence Measurements in the Southeast Pacific Ocean	JGR Oceans, 128, e2022JC018901	journal	DOI.org/10.1029/2022JC018901
Weller, Robert	L. A. C. M. Knor, C. L. Sabine. A. J. Sutton, A. E. Whote, J. Potemra, R.A. Weller	Published	7/2/23	Quantifying Net Community Production and Calcification at Station ALOHA Near Hawaii: Insights and Limitations From a Dual Tracer Carbon Budget Approach	Global Biogeochemical Cycles, 37(7), e2022GB007672	journal	doi.org/10.1029/2022GB007672
Plueddemann, Albert	Lober, L.; Gawariewicz, G.G.; Plueddemann, A. J.	Published	6/13/23	Categorization of High-wind Events and Their Contribution to the Seasonal Breakdown of Stratification on the Southern New England Shelf	JGR Oceans, 128, e2022JC019625	journal	doi.org/10.1029/2022JC019625
Weller, Robert	Santiago-Madjunado, F.; Lukas, R.; Soloviev, A.; Potemra, J.T.; Weller, R.A.; Plueddemann, A. J.; Fairall, C.W.	in review		The Price-Weller_Pinkel Model Version 2.1: Improved Forcing and Parameterization of Upper Ocean	Progress in Oceanography	journal	

PI Name / CI Name		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)
Wijffels, Susan	Chamberlain, P., Talley, L. D.; Mazloff, M.; van Sebille, E.; Gille, S.T.; Tucker, T.; Scanderbeg, M.; Robbins, P.	published	9/1/23	Using Existing Argo Trajectories to Statistically Predict Future Float Positions with a Transition Matrix	J. Atmos. Ocean. Technol., <b>40</b> (9), 1083-1103	Journal	<a href="https://doi.org/10.1175/JTECH-D-22-0070.1">https://doi.org/10.1175/JTECH-D-22-0070.1</a>
Jayne, Steven	Densmore, C. R.; Sanabia, E. R.; Jayne, S.R.	published	7/1/23	Ocean Temperature Observations in Hurricane Dorian (2019)	Mon. Weather Rev., <b>151</b> (6), 1509-1520	Journal	<a href="https://doi.org/10.1175/MWR-D-22-0271.1">https://doi.org/10.1175/MWR-D-22-0271.1</a>
Wijffels, Susan	Shi, J.-R.; Kwon, Y.-O.; Wijffels, S.E.	published	1/9/23	Subsurface Ocean Temperature Responses to the Anthropogenic Aerosol Forcing in the North Pacific	Geophys. Res. Lett., <b>50</b> (2), e2022GL101035	journal	<a href="https://doi.org/10.1029/2022GL101035">https://doi.org/10.1029/2022GL101035</a>
Wijffels, Susan	Shi, J.-R.; Wijffels, S.E.; Kwon, Y.-O.; Talley, L.D.; Gille, S.T.	published	9/20/23	The competition between anthropogenic aerosol and greenhouse gas climate forcing is revealed by North Pacific water-mass changes	Science Advances, <b>9</b> (38)	Journal	doi: <a href="https://doi.org/10.1126/sciadv.adh7746">https://doi.org/10.1126/sciadv.adh7746</a>
Wijffels, Susan	von Schuckmann, K., et al. including Wijffels, S.	published	4/17/23	Heat stored in the Earth system 1960–2020: where does the energy go?	<i>Earth System Science Data</i> , <b>15</b> , 1675–1709	Journal	doi:10.5194/essd-15-1675-2023
Wijffels, Susan	Izett, R.W.; Fennel, K.; Stoer, A.C.; Nicholson, D.P.	published	1/2/24	Reviews and syntheses: expanding the global coverage of gross primary production and net community production measurements using Biogeochemical-Argo floats	Biogeosciences 21 (1), 13-47	Journal	<a href="https://doi.org/10.5194/bg-21-13-2024">https://doi.org/10.5194/bg-21-13-2024</a>
Wijffels, Susan	Meunier, T., A. Le Boyer, S. Molodstov, A. Bower, H. Furey, and P. Robbins	published	11/16/2023	Internal Wave Activity in the Deep Gulf of Mexico.	Front. Mar. Sci., 10	Journal	<a href="https://doi.org/10.3389/fmars.2023.1285303">https://doi.org/10.3389/fmars.2023.1285303</a>
Wijffels, Susan	Wijffels, S. Gebbie, G.; Robbins, P.	in review	n/a	Resolving the ubiquitous small-scale semi-permanent features of the general ocean circulation: a multiplatform observational approach	J. Physical Oceanogr.	Journal	n/a
Wilkin, John	Moore, A. M.; Arango, H.; Wilkin, J.; Edwards, C.A.	Published	December, 2023	<i>Weak Constraint 4D-Var Data Assimilation in the Regional Ocean Modeling System (ROMS) using a Saddle-Point Algorithm: Application to the California Current Circulation</i>	<i>Ocean Modelling, Volume 186, December 2023, 102262</i>	Journal	<a href="https://doi.org/10.1016/j.ocemod.2023.102262">https://doi.org/10.1016/j.ocemod.2023.102262</a>
Wilkin, John	Arango, H., J. Levin, J. Wilkin and A. Moore	Published	August, 2023	4D-Var Data Assimilation in a Nested Model of the Mid-Atlantic Bight	<i>Ocean Modelling, Volume 184, August 2023, 102201</i>	Journal	doi:10.1016/j.ocemod.2023.102201
Wilkin, John	Drake, P.; Edwards, C.A.; Arango, H.G.; Wilkin, J.; TajalliBakhsh, T.; Powell, B.; Moore, A.M.	Published	Apr-23	Forecast Sensitivity-based Observation Impact	<i>Ocean Modelling, Volume 182, April 2023, 102159</i>	Journal	<a href="https://doi.org/10.1016/j.ocemod.2022.102159">doi.org/10.1016/j.ocemod.2022.102159</a>
Wilkin, John	Feng, H.; Egado, A.; Vandemark, D.; Wilkin, J.	Published	Jan-23	Exploring the potential of Sentinel-3 delay Doppler altimetry for enhanced detection of coastal currents along the Northwest Atlantic shelf	<i>Advances in Space Research, Volume 71, Issue 1, 1 January 2023, Pages 997-1016</i>	Journal	<a href="https://doi.org/10.1016/j.asr.2022.09.011">doi.org/10.1016/j.asr.2022.09.011</a>
Yu, Lisan	Yu, L.	Published	Dec. 2023	Connecting subtropical salinity maxima to tropical salinity minima: Synchronization between ocean dynamics and the water cycle	<i>Progress in Oceanography</i> , 219, 103172	Research Article	<a href="https://doi.org/10.1016/j.pocean.2023.103172">https://doi.org/10.1016/j.pocean.2023.103172</a>
Yu, Lisan	Yu, L.; Chen, Y.; Gonzalez, A.O.; Zhang, C.; Foltz, G. R	Published	Dec. 2023	Dry air outbreak and significant surface turbulent heat loss during Hurricane Ian: Satellite and saildrone observations	<i>Geophysical Research Letters</i> , 50, e2023GL105583	Research Article	<a href="https://doi.org/10.1029/2023GL105583">https://doi.org/10.1029/2023GL105583</a>
Yu, Lisan	Chen, Y.; Yu, L.	Published	7-Mar-24	Mesoscale meridional heat transport inferred from sea surface observations	<i>Geophysical Research Letters</i> Volume51, Issue5, 16 March 2024 e2023GL106376	Research Article	<a href="https://doi.org/10.1029/2023GL106376">doi.org/10.1029/2023GL106376</a>
Yu, Lisan	Chen, Y.; Yu, L.	Published	3/9/24	Signature of mesoscale eddies on air-sea heat fluxes in the North Indian Ocean	<i>JGR Oceans</i> Volume129, Issue3 March 2024 e2023JC019878	Research Article	<a href="https://doi.org/10.1029/2023JC019878">doi.org/10.1029/2023JC019878</a>
Yu, Lisan	Carrigg, J.; Yu, L.; Menenez, V.; Chen, Y.	Published	5/27/24	September Equinox Shift in Arctic Surface Energy Budget: Beaufort-Chukchi Seas Case Study	<i>JGR Oceans</i> , Volume129, Issue5, May 2024	Research Article	<a href="https://doi.org/10.1029/2023JC020788">doi.org/10.1029/2023JC020788</a>
Yu, Lisan	Yu, L.; Liu, C.; Stackhouse, P. W.; Garg, J.; Weller, R. A.	In Review		Global Ocean Heat, Freshwater, and Momentum Fluxes	<i>Bull. Amer. Meteor. SocReport</i>	Research Article	
Zhang, Wenjian	GOOS Observations Coordination Group (OCG)	published	10/23/23	Ocean Observing System Report Card	GOOS Report N°292	Report	<a href="https://www.ocean-ops.org/reportcard">https://www.ocean-ops.org/reportcard</a>
Zhang, Wenjian	OceanOPS Team	published	6/26/23	OceanOPS Technical Bulletin		Report	<a href="https://www.ocean-ops.org/bulletin/2023-06-Ocean_Observing_System_Bulletin.pdf">https://www.ocean-ops.org/bulletin/2023-06-Ocean_Observing_System_Bulletin.pdf</a>

PI Name / CI Name		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)
Zhang, Wenjian	OceanOPS Team	published	12/1/23	Journey with Ocean Observers		Comic Book	<a href="https://www.oceanobservers.org/Ocean-Observers-the-comic">https://www.oceanobservers.org/Ocean-Observers-the-comic</a>
Zhang, Wenjian	OceanOPS Team	published	2023	DBCP national reports		Report	<a href="https://wmoomm-my.sharepoint.com/:w:/r/personal/cgallage_wmo_int/_layouts/15/Doc.aspx?sourcedoc=%7BC159C9BB-3C66-477F-BF0A-8178C56F03E8%7D&amp;file=DBCP-39_National_report%20OceanOPS_2022_2023.docx&amp;action=default&amp;mobileredirect=true">https://wmoomm-my.sharepoint.com/:w:/r/personal/cgallage_wmo_int/_layouts/15/Doc.aspx?sourcedoc=%7BC159C9BB-3C66-477F-BF0A-8178C56F03E8%7D&amp;file=DBCP-39_National_report%20OceanOPS_2022_2023.docx&amp;action=default&amp;mobileredirect=true</a>
Zhang, Wenjian	OceanOPS Team	published	2/1/23	Effects of the Pandemic on Observing the Global Ocean	Bulletin of the American Meteorological Society	Scientific Paper	<a href="https://doi.org/10.1175/BAMS-D-21-0210.1">https://doi.org/10.1175/BAMS-D-21-0210.1</a>
Zhang, Wenjian	OceanOPS Team (as contributor)	published	7/1/23	EuroSea D3.18		EU Project Deliverable	<a href="https://doi.org/10.3289/eurosea_d3.18">https://doi.org/10.3289/eurosea_d3.18</a>
Zhang, Wenjian	Turpin, V.	published	2/1/24	GROOM II - D6.1		EU Project Deliverable	<a href="https://www.groom-ri.eu/wp-content/uploads/2024/03/d6.2.pdf">https://www.groom-ri.eu/wp-content/uploads/2024/03/d6.2.pdf</a>
Zhang, Wenjian	Turpin, V.	published	12/1/23	GROOM II - D5.2		EU Project Deliverable	<a href="https://www.groom-ri.eu/wp-content/uploads/2024/01/groom-ii-key-societal-benefits-of-a-sustained-glider-infrastructure-v.final_.pdf">https://www.groom-ri.eu/wp-content/uploads/2024/01/groom-ii-key-societal-benefits-of-a-sustained-glider-infrastructure-v.final_.pdf</a>
Zhang, Wenjian	Turpin, V.	published	12/1/23	ADMT 24 - Summary Report		Program Annual Report	<a href="https://docs.google.com/document/d/1XvsrTDvXOWKoeUAriOj_NBIRzQwsJMK1mJelQIbkEa4/edit?usp=sharing">https://docs.google.com/document/d/1XvsrTDvXOWKoeUAriOj_NBIRzQwsJMK1mJelQIbkEa4/edit?usp=sharing</a>
Zhang, Wenjian	Turpin, V.	published	5/1/23	AST 24 - Report		Program Annual Report	<a href="https://argo.ucsd.edu/wp-content/uploads/sites/361/2023/06/AST24_meeting_report-combined.pdf">https://argo.ucsd.edu/wp-content/uploads/sites/361/2023/06/AST24_meeting_report-combined.pdf</a>
Zhang, Wenjian	OceanOPS Team	published	5/1/23	Network reports at OCG		OCG annual	<a href="https://oceanexpert.org/event/3820#documents">https://oceanexpert.org/event/3820#documents</a>
Zhang, Wenjian	Long, J.	published	5/1/23	First DBCP training workshop for Mediterranean		Network annual capacity building	<a href="https://oceanexpert.org/document/32255">https://oceanexpert.org/document/32255</a>
Zhang, Wenjian	Long, J.	published	10/1/23	OceanOPS report to DBCP-39		Report	<a href="https://wmoomm-my.sharepoint.com/:w:/r/personal/cgallage_wmo_int/_layouts/15/Doc.aspx?sourcedoc=%7B0586FA7C-2F03-4709-A97B-10988FEB803%7D&amp;file=DBCP-39-Doc%206-DBCP%26OceanOPS%20Report_V1.0.docx&amp;action=default&amp;mobileredirect=true">https://wmoomm-my.sharepoint.com/:w:/r/personal/cgallage_wmo_int/_layouts/15/Doc.aspx?sourcedoc=%7B0586FA7C-2F03-4709-A97B-10988FEB803%7D&amp;file=DBCP-39-Doc%206-DBCP%26OceanOPS%20Report_V1.0.docx&amp;action=default&amp;mobileredirect=true</a>
Zhang, Wenjian	Long, J.	published	12/1/23	OceanOPS metadata for TRUSTED Fiducial Reference Measurement (FRM) Drifting Buoys		EUMETSAT project deliverable	<a href="https://www.eventsforce.net/eumetsat/frontend/reg/abs/ViewDocumentFE.csp?documentID=1567&amp;eventID=44">https://www.eventsforce.net/eumetsat/frontend/reg/abs/ViewDocumentFE.csp?documentID=1567&amp;eventID=44</a>
Zhang, Wenjian	Long, J.	published	9/1/23	Environmental Stewardship of the Data Buoy Cooperation Panel		WMO Environmental Sustainability Workshop	<a href="https://wmoomm.sharepoint.com/:b/s/wmoocpdb/EUTdnHSM2VJHoc-Y1_bBssBU6Aqq23DUBESV15AuY3b2Q?e=oOYwkw">https://wmoomm.sharepoint.com/:b/s/wmoocpdb/EUTdnHSM2VJHoc-Y1_bBssBU6Aqq23DUBESV15AuY3b2Q?e=oOYwkw</a>
Zhang, Wenjian	OceanOPS Team	published	2/9/24	COVID Impacts Cause Critical Gaps in the Indi	Bulletin of the American Meteorological Society, Vol. 105, Issue 3, pp E725-E741	Article	<a href="https://doi.org/10.1175/BAMS-D-22-0270.1">https://doi.org/10.1175/BAMS-D-22-0270.1</a>