Johnson, G. C., S. Hosoda, S. R. Jayne, P. R. Oke, S. C. Riser, D. Roemmich, T. Suga, V. Thierry, S. E. Wijffels, and J. Xu, 2022: Argo—Two Decades: Global Oceanography, Revolutionized. *Annual Review of Marine Science*, **14,** null, https://www.annualreviews.org/doi/abs/10.1146/annurev-marine-022521-102008

Baatz, R., H. J. H. Franssen, E. Euskirchen, D. Sihi, M. Dietze, S. Ciavatta, K. Fennel, H. Beck, G. De Lannoy, V. R. N. Pauwels, A. Raiho, C. Montzka, M. Williams, U. Mishra, C. Poppe, S. Zacharias, A. Lausch, L. Samaniego, K. Van Looy, H. Bogena, M. Adamescu, M. Mirtl, A. Fox, K. Goergen, B. S. Naz, Y. Zeng, and H. Vereecken, 2021: Reanalysis in Earth System Science: Towards Terrestrial Ecosystem Reanalysis. *Reviews of Geophysics*, **n/a,** e2020RG000715, https://doi.org/10.1029/2020RG000715

Barbieux, M., J. Uitz, A. Mignot, C. Roesler, H. Claustre, B. Gentili, V. Taillandier, F. D'Ortenzio, H. Loisel, A. Poteau, E. Leymarie, C. Penkerc'h, C. Schmechtig, and A. Bricaud, 2021: Biological production in two contrasted regions of the Mediterranean Sea during the oligotrophic period: An estimate based on the diel cycle of optical properties measured by BGC-Argo profiling floats. *Biogeosciences Discuss.*, **2021,** 1-74, https://bg.copernicus.org/preprints/bg-2021-123/

Chamberlain, M. A., P. R. Oke, G. B. Brassington, P. Sandery, P. Divakaran, and R. A. S. Fiedler, 2021: Multiscale data assimilation in the Bluelink ocean reanalysis (BRAN). *Ocean Modelling***,** 101849, https://www.sciencedirect.com/science/article/pii/S1463500321001013

Fedele, G., E. Mauri, G. Notarstefano, and P. M. Poulain, 2021: Characterization of the Atlantic Water and Levantine Intermediate Water in the Mediterranean Sea using Argo Float Data. *Ocean Sci. Discuss.*, **2021,** 1-41, https://os.copernicus.org/preprints/os-2021-68/

Frankignoul, C., E. Kestenare, and G. Reverdin, 2021: Sea surface salinity reemergence in an updated North Atlantic in-situ salinity data set. *Journal of Climate***,** 1-49, https://journals.ametsoc.org/view/journals/clim/aop/JCLI-D-20-0840.1/JCLI-D-20-0840.1.xml

Gopalakrishnan, G., B. D. Cornuelle, M. R. Mazloff, P. F. Worcester, and M. A. Dzieciuch, 2021: State estimates and forecasts of the northern Philippine Sea circulation including ocean acoustic travel times. *Journal of Atmospheric and Oceanic Technology*, https://journals.ametsoc.org/view/journals/atot/aop/JTECH-D-20-0178.1/JTECH-D-20-0178.1.xml

Horwath, M., B. D. Gutknecht, A. Cazenave, H. K. Palanisamy, F. Marti, B. Marzeion, F. Paul, R. Le Bris, A. E. Hogg, I. Otosaka, A. Shepherd, P. Döll, D. Cáceres, H. Müller Schmied, J. A. Johannessen, J. E. Ø. Nilsen, R. P. Raj, R. Forsberg, L. Sandberg Sørensen, V. R. Barletta, S. B. Simonsen, P. Knudsen, O. B. Andersen, H. Randall, S. K. Rose, C. J. Merchant, C. R. Macintosh, K. von Schuckmann, K. Novotny, A. Groh, M. Restano, and J. Benveniste, 2021: Global sea-level budget and ocean-mass budget, with focus on advanced data products and uncertainty characterisation. *Earth Syst. Sci. Data Discuss.*, **2021,** 1-51, https://essd.copernicus.org/preprints/essd-2021-137/

Inoue, R., C. Sukigara, S. Bishop, E. Oka, and T. Nagai, 2021: Geophysical and biogeochemical observations using BGC Argo floats in the western North Pacific during late winter and early spring. Part 1: Restratification processes of the surface mixed layer. *Ocean Sci. Discuss.*, **2021,** 1-37, https://os.copernicus.org/preprints/os-2021-38/

Kido, S., M. Nonaka, and Y. Tanimoto, 2021: Impacts of salinity variation on the mixed-layer processes and sea surface temperature in the Kuroshio-Oyashio confluence region. *Journal of Geophysical Research: Oceans*, **n/a,** e2020JC016914, https://doi.org/10.1029/2020JC016914

Liang, X., C. Liu, R. M. Ponte, and D. P. Chambers, 2021: A Comparison of the Variability and Changes in Global Ocean Heat Content from Multiple Objective Analysis Products During the Argo Period. *Journal of Climate***,** 1-47, https://journals.ametsoc.org/view/journals/clim/aop/JCLI-D-20-0794.1/JCLI-D-20-0794.1.xml

Mignot, A., H. Claustre, G. Cossarini, F. D'Ortenzio, E. Gutknecht, J. Lamouroux, P. Lazzari, C. Perruche, S. Salon, R. Sauzède, V. Taillandier, and A. Terruzzi, 2021: Defining BGC-Argo-based metrics of ocean health and biogeochemical functioning for the evaluation of global ocean models. *Biogeosciences Discuss.*, **2021,** 1-66, https://bg.copernicus.org/preprints/bg-2021-2/

Moritz, M., K. Jochumsen, D. Kieke, B. Klein, H. Klein, M. Köllner, and M. Rhein, 2021: Volume transport time series and variability of the North Atlantic Eastern Boundary Current at Goban Spur. *Journal of Geophysical Research: Oceans*, **n/a,** e2021JC017393, https://doi.org/10.1029/2021JC017393

Potter, H. and J. E. Rudzin, 2021: Upper Ocean Temperature Variability in the Gulf of Mexico with Implications for Hurricane Intensity. *Journal of Physical Oceanography*, https://journals.ametsoc.org/view/journals/phoc/aop/JPO-D-21-0057.1/JPO-D-21-0057.1.xml

Romero, E., L. Tenorio-Fernandez, I. Castro, and M. Castro, 2021: Filtering method based on cluster analysis to avoid salinity drifts and recover Argo data in less time. *Ocean Sci. Discuss.*, **2021,** 1-16, https://os.copernicus.org/preprints/os-2021-22/

Santana-Cisneros, M. L., P.-L. Ardisson, Á. F. González, I. Mariño-Tapia, M. Cahuich-López, L. E. Ángeles-González, U. Ordoñez-López, and I. Velázquez-Abunader, 2021: Dispersal modeling of octopoda paralarvae in the Gulf of Mexico. *Fisheries Oceanography*, **n/a**, https://doi.org/10.1111/fog.12555

Sukigara, C., R. Inoue, K. Sato, Y. Mino, T. Nagai, A. J. Fassbender, Y. Takeshita, and E. Oka, 2021: Geophysical and biogeochemical observations using BGC Argo floats in the western North Pacific during late winter and early spring, Part 2: Biological processes during restratification periods in the euphotic and twilight layers. *Biogeosciences Discuss.*, **2021,** 1-26, https://bg.copernicus.org/preprints/bg-2021-116/

Teruzzi, A., G. Bolzon, L. Feudale, and G. Cossarini, 2021: Deep chlorophyll maximum and nutricline in the Mediterranean Sea: emerging properties from a multi-platform assimilated

biogeochemical model experiment. *Biogeosciences Discuss.*, **2021,** 1-29, https://bg.copernicus.org/preprints/bg-2021-97/

Terzić, E., A. Miró, P. Lazzari, E. Organelli, and F. D'Ortenzio, 2021: Radiative transfer modeling with BGC-Argo float data in the Mediterranean Sea. *Biogeosciences Discuss.*, **2021,** 1-30, https://bg.copernicus.org/preprints/bg-2020-473/

Velez-Belchi, P., V. Ca?nzos, E. Romero, M. Casanova-Masjoan, C. Arum?-Planas, D. Santana-Toscano, A. Gonz?lez-Santana, M. D. P?rez-Hern?ndez, and A. Hern?ndez-Guerra, 2021: The Canary Intermediate Poleward Undercurrent: not another Poleward Undercurrent in an Eastern Boundary Upwelling System. *Journal of Physical Oceanography*, https://journals.ametsoc.org/view/journals/phoc/aop/JPO-D-20-0130.1/JPO-D-20-0130.1.xml

Wang, B., K. Fennel, and L. Yu, 2021: Can assimilation of satellite observations improve subsurface biological properties in a numerical model? A case study for the Gulf of Mexico. *Ocean Sci. Discuss.*, **2021,** 1-33, https://os.copernicus.org/preprints/os-2021-35/

WU, Y., X.-T. ZHENG, Q.-W. SUN, Y. ZHANG, Y. DU, and L. LIU, 2021: Decadal Variability of the Upper Ocean Salinity in the Southeast Indian Ocean: Role of Local Ocean-Atmosphere Dynamics. *Journal of Climate***,** 1-46, https://journals.ametsoc.org/view/journals/clim/aop/JCLI-D-21-0122.1/JCLI-D-21-0122.1.xml

Zhang, Z.-L., H. Nakamura, and X.-H. Zhu, 2021: Seasonal velocity variations over the entire Kuroshio path part I: data analysis and numerical experiments. *Journal of Oceanography*, https://doi.org/10.1007/s10872-021-00604-7

Freilich, M., A. Mignot, G. Flierl, and R. Ferrari, 2020: An investigation of grazing behaviors that result in winter phytoplankton biomass accumulation. *Biogeosciences Discuss.*, **2020,** 1-18, https://bg.copernicus.org/preprints/bg-2020-444/

Kubryakova, E. A. and A. A. Kubryakov, 2020: Warmer winters causes an increase of chlorophyll-a concentration in deeper layers: the opposite role of convection and self-shading on the example of the Black Sea. *Biogeosciences Discuss.*, **2020,** 1-23, https://bg.copernicus.org/preprints/bg-2020-366/

Mulet, S., H. Etienne, M. Ballarotta, Y. Faugere, M. H. Rio, G. Dibarboure, and N. Picot, 2020: Synergy between surface drifters and altimetry to increase the accuracy of sea level anomaly and geostrophic current maps in the Gulf of Mexico. *Advances in Space Research*, http://www.sciencedirect.com/science/article/pii/S0273117719309093

Schmidt, H., R. Czeschel, and M. Visbeck, 2019: Ventilation dynamics of the Oxygen Minimum Zone in the Arabian Sea. *Biogeosciences Discuss.*, **2019,** 1-32, https://bg.copernicus.org/preprints/bg-2019-168/