

PIRATA-Recent Related and Best Practices Bibliography

Last update: 12 July 2025

“*” indicates entry is not yet final

Peer-reviewed

2025 – 2 publications

- Foltz, G. R., Y. A. Eddebbar, J. Sprintall, A. Capotondi, S. Cravatte, P. Brandt, A. Sutton, A., T. Morris, J. Hermes, C. R. McMahon, M. J. McPhaden, L. B. Looney, F. P. Tuchen, M. Koll Roxy, F. Wang, F. Chai, R. Rodrigues, B. Rodriguez-Fonseca, A. Subramaniam, M. Dengler, C. Stienbarger, K. Bailey, and W. Yu, 2025: Toward an integrated pantropical ocean observing system. *Front. Mar. Sci.*, **12**: 1539183, <https://doi.org/10.3389/fmars.2025.1539183>.
- Thierry, V., H. Claustre, O. Pasqueron de Fommervault, N. Zilberman, K. S. Johnson, Brian A. King, S. E. Wijffels, U. T. V. S. Bhaskar, M. A. Balmaseda, M. Belbeoch, M. Bollard, J. Boutin, P. Boyd, R. Cancouët, F. Chai, S. Ciavatta, R. Crane, S. Cravatte, G. Dall’Olmo, D. Desbruyères, P. J. Durack, A. J. Fassbender, K. Fennel, Y. Fujii, F. Gasparin, A. González-Santana, C. Gourcuff, A. Gray, H. T. Hewitt, S. R. Jayne, G. C. Johnson, N. Kolodziejczyk, A. Le Boyer, P.-Y. Le Traon, W. Llovel, M. S. Lozier, J. M. Lyman, E. L. McDonagh, A. P. Martin, B. Meyssignac, K. S. Mogensén, T. Morris, P. R. Oke, W. O. Smith, B. Owens, N. Poffa, J. Post, D. Roemmich, R. R. Rykaczewski, S. Sathyendranath, M. Scanderbeg, C. Scheurle, O. Schofield, K. von Schuckmann, J. Scourse, J. Sprintall, T. Suga, M. Tonani, E. van Wijk, X. Xing, and H. Zuo, 2014: Advancing ocean monitoring and knowledge for societal benefit: the urgency to expand Argo to OneArgo by 2030. *Front. Mar. Sci.*, **12**, <https://doi.org/10.3389/fmars.2025.1593904>.

2023 – 1 publication

- Connell, K. J., M. J. McPhaden, G. R. Foltz, R. C. Perez, and K. Grissom, 2023: Surviving piracy and the coronavirus pandemic. *Oceanography*, **36**(2–3), 44–45, <https://doi.org/10.5670/oceanog.2023.212>.

2022 – 2 publications

- Ntoumas M., L. Perivoliotis, G. Petihakis, G. Korres, C. Frangoulis, D. Ballas, P. Pagonis, M. Sotiropoulou, M. Pettas, E. Bourma, S. Christodoulaki, D. Kassis, N. Zisis, S. Michelinakis, D. Denaxa, A. Moira, A. Mavroudi, G. Anastasopoulou, A. Papapostolou, C. Oikonomou, and N. Stamataki, 2022: The POSEIDON Ocean Observing System: Technological Development and Challenges. *Journal of Marine Science and Engineering*, **10**, 12, (1932). <https://doi.org/10.3390/jmse10121932>.
- Speich, S. et al., 2022: Special Issue "Tropical Atlantic Ocean Observing System", *CLIVAR Exchanges*, **82**, Oct. 2022, <https://doi.org/10.36071/clivar.82.2022>.

2019 – 7 publications

- Cabos, W., A. de la Vara, and S. Koseki, 2019: Tropical Atlantic Variability: Observations and Modeling, *Atmosphere*, **10**, 9, 502, <https://doi.org/10.3390/atmos10090502>.
- Davidson, F., A. Alvera-Azcárate, A. Barth, G. B. Brassington, E. P. Chassignet, E. Clementi, P. De Mey-Frémaux, P. Divakaran, C. Harris, F. Hernandez, P. Hogan, L. R. Hole, J. Holt,

- G. Liu, Y. Lu, P. Lorente, J. Maksymczuk, M. Martin, A. Mehra, A. Melsom, H. Mo, A. Moore, P. Oddo, A. Pascual, A.-C. Pequignet, V. Kourafalou, A. Ryan, J. Siddorn, G. Smith, D. Spindler, T. Spindler, E. V. Stanev, J. Staneva, A. Storto, C. Tanajura, P. N. Vinayachandran, L. Wan, H. Wang, Y. Zhang, X. Zhu, and Z. Zu, 2019: Synergies in Operational Oceanography: The Intrinsic Need for Sustained Ocean Observations. *Front. Mar. Sci.*, **6**, 450. <https://doi.org/10.3389/fmars.2019.00450>.
- deYoung, B., M. Visbeck, M. C. de Araujo Filho, M. O. Baringer, C. A. Black, E. Buch, G. Canonico, P. Coelho, J. T. Duha, M. Edwards, A. S. Fischer, J.-S. Fritz, S. Ketelhake, J. H. Muelbert, P. Monteiro, G. Nolan, E. O'Rourke, M. Ott, P. Y. Le Traon, S. Pouliquen, I. Sousa-Pinto, T. Tanhua, F. Velho, and Z. Willis, 2019: An Integrated All-Atlantic Ocean Observing System in 2030. *Front. Mar. Sci.*, **6**, 428. <https://doi.org/10.3389/fmars.2019.00428>.
- Gasparin, F., S. Guinehut, C. Ma, I. Mirouze, E. Rémy, R. R. King, M. Hamon, R. Reid, A. Storto, P.-Y. Le Traon, M. J. Martin, and S. Masina, 2019: Requirements for an Integrated in situ Atlantic Ocean Observing System From Coordinated Observing System Simulation Experiments. *Front. Mar. Sci.*, **6**, 83. <https://doi.org/10.3389/fmars.2019.00083>.
- Pearlman, J., M. Bushnell, L. Coppola, J. Karstensen, P. L. Buttigieg, F. Pearlman, P. Simpson, M. Barbier, F. E. Muller-Karger, C. Munoz-Mas, P. Pissierssens, C. Chandler, J. Hermes, E. Heslop, R. Jenkyns, E. P. Achterberg, M. Bensi, H. C. Bittig, J. Blandin, J. Bosch, B. Bourles, R. Bozzano, J. J. H. Buck, E. F. Burger, D. Cano, V. Cardin, M. C. Llorens, A. Cianca, H. Chen, C. Cusack, E. Delory, R. Garello, G. Giovanetti, V. Harscoat, S. Hartman, R. Heitsenrether, S. Jirka, A. Lara-Lopez, N. Lantéri, A. Leadbetter, G. Manzella, J. Maso, A. McCurdy, E. Moussat, M. Ntoumas, S. Pensieri, G. Petihakis, N. Pinardi, S. Pouliquen, R. Przeslawski, N. P. Roden, J. Silke, M. N. Tamburri, H. Tang, T. Tanhua, M. Telszewski, P. Testor, J. Thomas, C. Waldmann, and F. Whoriskey, 2019: Evolving and Sustaining Ocean Best Practices and Standards for the Next Decade. *Front. Mar. Sci.*, **6**, 277. <https://doi.org/10.3389/fmars.2019.00277>.
- Penny S.G., S. Akella, M. A. Balmaseda, P. Browne, J. A. Carton, M. Chevallier, F. Counillon, C. Domingues, S. Frolov, P. Heimbach, P. Hogan, I. Hoteit, D. Iovino, P. Laloyaux, M. J. Martin, S. Masina, A. M. Moore, P. de Rosnay, D. Schepers, B. M. Sloyan, A. Storto, A. Subramanian, S. Nam, F. Vitart, C. Yang, Y. Fujii, H. Zuo, T. O'Kane, P. Sandery, T. Moore, and C. C. Chapman, 2019: Observational Needs for Improving Ocean and Coupled Reanalysis, S2S Prediction, and Decadal Prediction. *Front. Mar. Sci.* 6:391. <https://doi.org/10.3389/fmars.2019.00391>.
- Silva, G. B. da, H. G. Hazin, F. H. V. Hazin, and P. Travassos, 2019: The Tuna fisheries on 'Associated School' in Brazil: Description and trends. *Collect. Vol. Sci. Pap., ICCAT*, 75(7): 1924-1934. https://www.iccat.int/Documents/CVSP/CV075_2018/n_7/CV075071924.pdf

2018 – 4 publications

- Barbier, M., A. Reitz, K. Pabortsava, A.-C. Wöfl, T. Hahn, and F. Whoriskey, 2018: Ethical recommendations for ocean observation. *Adv. Geosci.*, **45**, 343-361. <https://doi.org/10.5194/adgeo-45-343-2018>.
- Venkatesan, R., K. Ramesh, A. Kishor, N. Vedachalam, and M. A. Atmanand, 2018: Best Practices for the Ocean Moored Observatories. *Front. Mar. Sci.*, **5**, 469. <https://doi.org/10.3389/fmars.2018.00469>.
- Serra, Y. L., 2018: Precipitation measurements from the Tropical Moored Array: A review and look ahead. *Quart. J. Royal Meteorol. Soc.*, **144** (Suppl.1), 221-234. <https://doi.org/10.1002/qj.3287>.

Silva, G. B. da, H. G. Hazin, and P. V. do N. Araujo, 2018: Fishing operations to catch tuna on aggregated schools at the vicinity of a data buoy in the Western Equatorial Atlantic. *Braz. J. Oceanogr.*, **66**(4), 335-338. <https://doi.org/10.1590/s1679-87592018018206604>.