



Publications

Peer-reviewed publications about GO-BGC programs, expeditions, and floats.

Real-time quality control of optical backscattering data from Biogeochemical-Argo floats

Dall'Olmo, G., TVS. U. Bhaskar, H. Bittig, E. Boss, J. Brewster, H. Claustre, M. Donnelly, T. Maurer, D. Nicholson, V. Paba, J. Plant, A. Poteau, R. Sauzède, C. Schallenberg, C. Schmechtig, C. Schmid, X. Xing (2022). Real-time quality control of optical backscattering data from Biogeochemical-Argo floats. *Open Research Europe*. 2 (118). <https://doi.org/10.12688/openreseurope.15047.1>

OneArgo: A New Paradigm for Observing the Global Ocean

Owens, W. B., N. Zilberman, K.S. Johnson, H. Claustre, M. Scanderbeg, S. Wijffels, T. Suga (2022). OneArgo: A New Paradigm for Observing the Global Ocean. *Marine Technology Society Journal*. 56 (3) 84 to 90. <https://doi.org/10.4031/MTSJ.56.3.8>

What's climate change really doing to the ocean? Ask the robots

Bif, M.B. (2022). What's climate change really doing to the ocean? Ask the robots. *Bulletin of the Atomic Scientists*.

The Technological, Scientific, and Sociological Revolution of Global Subsurface Ocean Observing

Roemmich, D., L. Talley, N. Zilberman, E. Osborne, K.S. Johnson, L. Barbero, H.C. Bittig, N. Briggs, A.J. Fassbender, G.C. Johnson, B.A. King, E. McDonagh, S. Purkey, S. Riser, T. Suga, Y. Takeshita, V. Thierry, S. Wijffels (2022). The Technological, Scientific, and Sociological Revolution of Global Subsurface Ocean Observing. *Oceanography*. 34 (4) 2-8. <https://doi.org/10.5670/oceanog.2021.supplement.02-02>

A Global Ocean Biogeochemical Observatory Becomes Reality

Schofield, O., A. Fassbender, M. Hood, K. Hill, K. Johnson (2022). A global ocean biogeochemical observatory becomes a reality. *Eos*. 103. <https://doi.org/10.1029/2022EO220149>

The Global Ocean Biogeochemistry (GO-BGC) Array of Profiling Floats to Observe Changing Ocean Chemistry and Biology

Matsumoto, G. I., K.S. Johnson, S. Riser, L. Talley, S. Wijffels, R. Hotinski (2022). The Global Ocean Biogeochemistry (GO-BGC) Array of Profiling Floats to Observe Changing Ocean Chemistry and Biology. *Marine Technology Society Journal*. 56 (3) 122 to 123. <https://doi.org/10.4031/MTSJ.56.3.25>

Constraint on net primary productivity of the global ocean by Argo oxygen measurements

Johnson, K.S. and M.B. Bif (2021). Constraint on net primary productivity of the global ocean by Argo oxygen measurements. *Nature Geoscience*. <https://doi.org/10.1038/s41561-021-00807-z>

Video abstract: <https://youtu.be/ikoyg04JZFc>

Global Ocean Climate Change: Observing From Ships

Talley, L. (2021) Global Ocean Climate Change: Observing From Ships. *Frontiers for Young Minds*. 9:495240. <https://doi.org/10.3389/frym.2021.495240>