

RESOURCE LIST

As individuals formulate their responses to NSF's [request for input on the future of ocean observing systems](#), they are encouraged to review the resources linked below. This is not an exhaustive list. If there are resources to add to this list, please contact Holly Morin (holly@ooifb.org).

- National Science Foundation, *FY2026-2030 Strategic Plan*:
<https://nsf-gov-resources.nsf.gov/files/FY2026-2030-Strategic-Plan.pdf>
- U.S. Office of Science and Technology Policy (OSTP) Priorities:
<https://www.whitehouse.gov/releases/2026/07/45470/>
 - [Science, A New Golden Age](#)
 - [Fiscal Year 2028 Administration Research and Development Budget Priorities](#)
- National Academies of Sciences, Engineering, and Medicine. 2026. *Future Pathways for the Biogeochemical (BGC) Argo Program: Proceedings of a Workshop—in Brief*. Washington, DC: The National Academies Press. <https://doi.org/10.17226/29428>.
- National Academies of Sciences, Engineering, and Medicine. 2025. *Forecasting the Ocean: The 2025–2035 Decade of Ocean Science*. Washington, DC: The National Academies Press.
<https://www.nationalacademies.org/projects/DELS-OSB-22-04/about>
- National Academies of Sciences, Engineering, and Medicine. 2022. *A Research Strategy for Ocean-based Carbon Dioxide Removal and Sequestration*. Washington, DC: The National Academies Press. <https://doi.org/10.17226/26278>
- National Academies of Sciences, Engineering, and Medicine. 2018. *Thriving on Our Changing Planet: A Decadal Strategy for Earth Observation from Space*. Washington, DC: The National Academies Press.
<https://www.nationalacademies.org/projects/DEPS-SSB-15-01/about>
- NOAA Global Ocean Monitoring and Observing (GOMO). 2025. *Transforming Global Ocean Observing Systems through Public-Private Partnerships*. Request for Information (RFI) Analysis: Public Report.
<https://globalocean.noaa.gov/wp-content/uploads/2025/09/Transforming-Global-Ocean-Observing-Systems-through-Public-Private-Partnerships-Public-Report.pdf>
- NOAA Global Ocean Monitoring and Observing (GOMO). *Ocean Climate at Risk: A Case for the Argo Program*.
<https://globalocean.noaa.gov/wp-content/uploads/2023/09/Argo-2-pager.pdf>
- Intergovernmental Oceanographic Commission. (2026). *Integrated Ocean Carbon Research (IOC-R) Report: Closing knowledge gaps in understanding the ocean carbon sink to support stronger climate action*. [UNESCO](#).
<https://unesdoc.unesco.org/ark:/48223/pf0000397333>



- *ALPS II Autonomous and Lagrangian Platforms and Sensors*
<https://geo-prose.com/pdfs/ALPS-II.pdf>
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<https://www.frontiersin.org/journals/marine-science/articles/10.3389/fmars.2019.00393/full>
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<https://doi.org/10.3389/fmars.2021.767443>.
- Cowles, T.; Delaney, J.; Orcutt, J.; Weller, R. The Ocean Observatories Initiative: Sustained Ocean Observing Across a Range of Spatial Scales. Mar. Technol. Soc. J. 2010, 44, 54–64. DOI: <https://doi.org/10.4031/MTSJ.44.6.21>
<https://www.ingentaconnect.com/content/mts/mtsj/2010/00000044/00000006/art00012>
- Liang, X., Messié, M. Smith, L., Erickson, Z, Heimbach, P., Le Bras, I., Pillar, H., Schultz, C., and Stock, C. (2025) Pathways Connecting Climate Changes to the Deep Ocean: Tracing Physical, Biogeochemical, and Ecological Signals From Surface to Deep Sea Workshop Report, 28pp., <https://hdl.handle.net/1912/72119>
- Martín Míguez, B., Heslop, E., Bax, N., Benedetti-Cecchi, L., Canonico, G., Currie, K., Evans, K., Fischer, A.S., Garçon, V., Hood, M., Karstensen, J., Lara-López, A., Legler, D., Muller-Karger, F.E., et al. (2026). GOOS Essential Ocean Variables: the backbone of a sustained and evolving global ocean observing system. *Frontiers in Marine Science*, Vol. 13, Article 1737002. Published February 10, 2026. Open access (Frontiers; covered by Uppsala University):
<https://www.frontiersin.org/articles/10.3389/fmars.2026.1737002/full>
- Ocean Observatories Initiative Facility Board. 2021. *Ocean Observatories Initiative (OOI) Science Plan: Exciting Science Opportunities using OOI Data*. DOI: <https://doi.org/10.23860/ooi-science-plan-2021-01> (direct link: https://ooifb.org/wp-content/uploads/2021/07/OOISciencePlan_V1-1_LowRes.pdf)
- Osborne, E., J. Y. Luo, I. Cetinić, H. Benway, and S. Menden-Deuer (2023), Our evolving understanding of biological carbon export, *Eos*, 104, <https://doi.org/10.1029/2023EO230346>. Published on 12 September 2023.



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<https://www.frontiersin.org/journals/marine-science/articles/10.3389/fmars.2024.1358591/full>
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(<https://www.frontiersin.org/journals/marine-science/articles/10.3389/fmars.2019.00074/full>)



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