

CURRENT POSITION	Research Scientist Department of Earth, Atmospheric and Planetary Sciences, Massachusetts Institute of Technology, 2007–present
EDUCATION	Massachusetts Institute of Technology, Cambridge, MA Postdoctoral Researcher, 2005–2007 <ul style="list-style-type: none"> Supervisor: Prof. Carl Wunsch University of Brittany (UBO), Brest, France Ph.D., physical oceanography, 2005 <ul style="list-style-type: none"> Dissertation Topic: Argo Profiles And 4D Variational Assimilation To Monitor North Atlantic Climate Variability. Advisors: Dr. Herlé Mercier, Dr. Bruno Ferron M.S., oceanography, meteorology, and environment, 2001 <ul style="list-style-type: none"> Final Project Topic: Inverse Modeling Over The Western Equatorial Atlantic. École Centrale Lyon (ECL), Lyon, France M.S., engineering and fluid mechanics, 2000 <ul style="list-style-type: none"> Final Project Topic: Objective Analysis of Argo Profile Data.
RESEARCH INTERESTS	Ocean circulation and climate; tracer transport and transformation processes; interaction of ecology, biogeochemistry, and physical processes; marine ecosystems and biogeography; global cycles of energy, water, and carbon; observational and geospatial statistics; forward and inverse modeling; scientific programming, artificial intelligence, and cloud computing.
ASSOCIATION MEMBERSHIPS	Co-chair of IQuOD (International Quality-Controlled Ocean Database), 2024–present Member of IQuOD (International Quality-Controlled Ocean Database), 2023–present Steering Committee of MER-EP (Marine Environment Reanalyses Evaluation Project; endorsed by the UN Ocean Decade), 2025–present Panelist on US CLIVAR Phenomena, Observations, and Synthesis Panel, 2022–2026 ECCO (Estimating the Circulation and Climate of the Ocean) consortium, 2005–present MITgcm (MIT general circulation model) development team, 2005–present CBIOMES (Simons Collaboration on Computational Biogeochemical Modeling of Marine Ecosystems), 2018–present NASA’s ocean heat content working group, 2023–present NASA’s Sea Level Change Team), 2015–present AGU (American Geophysical Union), 2005–present. ASLO (Association for the Sciences of Limnology and Oceanography), 2018–present.

COMMUNITY INVOLVEMENT	<p>Contribute to national and international collaborative projects that bring together experts on modeling, reanalysis, and observations (CORE-II, ORA-IP, IQuOD, US-CLIVAR).</p> <p>Create numerical models and realistic model configurations (MITgcm, ECCO).</p> <p>Design, develop, and publish open source toolboxes (Julia, Matlab).</p> <p>Organize panels, workshops and summer schools (US-CLIVAR, ECCO, Julia).</p>
Peer review	<p>National Science Foundation, National Oceanic and Atmospheric Administration, Journal of Physical Oceanography, Geophysical Research Letters, Ocean Modeling, Journal of Geophysical Research, Progress in Oceanography, Journal of Climate, Journal of Open Source Software, Geophysical Modeling Development, Ocean Sciences</p>
SELECTED TALKS	<p>(2026) <i>Quantifying Uncertainties in OHT Estimations , using ECCO and Ensembles of State Estimates</i>, Ocean Sciences Meeting 2026 (Oral Presentation)</p> <p>(2025) <i>Energy Imbalance in the Sunlit Ocean Layer</i>, John Hopkins University (Invited speaker, department seminar)</p> <p>(2025) <i>Energy Imbalance in the Sunlit Ocean Layer</i>, Colorado State University (Invited speaker, department seminar)</p> <p>(2025) <i>Energy Imbalance in the Sunlit Ocean Layer</i>, Dalhousie University (Invited speaker, department seminar)</p> <p>(2025) <i>Ocean Modeling Trends and Data Driven Modeling with Julia</i>, JuliaEO25, Terceira, Azores (Invited speaker and co-organizer of the event)</p> <p>(2024) <i>Digital Twins for Ocean Robots</i>, OceanPredict24 meeting, UNESCO, Paris, France</p> <p>(2024) <i>In-Situ Observations Within The ECCO Reanalysis Framework</i>, IQuOD/GTSP/ SOOP/ XBT/IODE meeting, Bologna, Italy (Invited)</p> <p>(2024) <i>Estimating Energy Imbalance and the Global Water Cycle Across the Sea Surface</i>, GEWEX Meeting, Sapporo, Japan</p> <p>(2024) <i>Regional Earth Energy Imbalance and Marine Heat Waves in the Sunlit Ocean Layer</i>, Ocean Sciences Meeting, AGU, New Orleans, USA</p> <p>(2023) <i>ECCO - Estimating the Circulation and Climate of the Ocean</i>, Mercator Ocean (Toulouse, France), Ocean Reanalyses workshop of the Copernicus Marine Service (Invited plenary speaker, scientific committee, and session co-chair)</p> <p>(2023) <i>Energy Imbalance in the Sunlit Ocean Layer</i>, US-CLIVAR summit (Seattle), (Invited speaker, and session co-chair)</p> <p>(2023) <i>Energy Imbalance in the Sunlit Ocean Layer</i>, European Space Agency (Frascati, Italy), Earth Energy Imbalance Assessment Workshop (Invited speaker, and session co-chair)</p> <p>(2023) <i>Digital Twins for all Ocean Robots</i>, WHOI, Applied Ocean Physics & Engineering seminar (Invited speaker)</p> <p>(2023) <i>Global workshop on Earth Observation with Julia</i>, JuliaEO23, Azores (Invited speaker and co-organizer of the event)</p>

PEER-REVIEWED
PUBLICATIONS

* first author was post-doc under my supervision at time of work

- * 79. Song, Y., Forget, G. Temperature Change in Mode Water Source Regions, submitted to Journal of Climate
- * 78. Wenrui Jiang, Gael Forget, Yuanyuan Song et al. Coupled air-sea interaction drove and sustained the 2013–2016 North Pacific Marine Heatwave, 13 October 2025, under review
77. Goes, M., Dong, S., Cowley, R. et al. A high-resolution boundary current product from Gridded Observations of eXpendable BathyThermograph (XBT) transects. Sci Data (2026). <https://doi.org/10.1038/s41597-026-06883-3>
76. Williams, R.G., Brown, P.J., Takano, Y. et al. The biogeochemical transport by the Gulf Stream. Commun Earth Environ 7, 149 (2026). <https://doi.org/10.1038/s43247-025-03118-y>
75. Santos-Ferreira, A. M., and Coauthors, 2025: The Internal Waves Service Workshop: Observing Internal Waves Globally with Deep Learning and Synthetic Aperture Radar. Bull. Amer. Meteor. Soc., 106, E1462–E1470, <https://doi.org/10.1175/BAMS-D-25-0133.1>
74. Yang, C., and Coauthors, 2025: Gathering Users and Developers to Shape Together the Next-Generation Ocean Reanalyses. Bull. Amer. Meteor. Soc., 106, E419–E429, <https://doi.org/10.1175/BAMS-D-24-0034.1>
- * 73. Song, Y., Li, Y., Forget, G. et al. Inter-basin contrast in the Southern Ocean warming. *Nat Commun* 16, 9063 (2025). <https://doi.org/10.1038/s41467-025-64112-8>
72. Yanzhou Wei, Helen Pillar, Patrick Heimbach, et al. An assessment of uncertainty in the ECCO Global Ocean-Sea Ice State Estimate due to atmospheric forcing uncertainty. Journal of Geophysical Research: Oceans, 130, <https://doi.org/10.1029/2024JC022191>
71. Hersh, C., S. Wijffels, G. Gebbie, and G. Forget, 2025: The long lives of subducted spice and vorticity anomalies in the subtropical oceans. J. Phys. Oceanogr., <https://doi.org/10.1175/JPO-D-24-0081.1>
70. Forget, G., (2024). Digital Twins for Ocean Robots. The Proceedings of the JuliaCon Conferences, 6(65), 164, <https://doi.org/10.21105/jcon.00164>
69. Forget. (2024). MITgcm.jl: a Julia Interface to the MITgcm. Journal of Open Source Software, 9(102), 6710. <https://doi.org/10.21105/joss.06710>

68. Hakuba, Fourest, Boyer, Meyssignac, Carton, Forget, Cheng, Giglio, Johnson, Kato, Killick, Kolodziejczyk, Kuusela, Landerer; Llovel, Locarnini, Loeb, Lyman, Mishonov, Pilewskie, Reagan, Storto, Sukianto, and von Schuckmann (2024). Trends and Variability in Earth's Energy Imbalance and Ocean Heat Uptake Since 2005. *Surveys in Geophysics* 45, 1721–1756 (2024). <https://doi.org/10.1007/s10712-024-09849-5>
67. Meyssignac, Fourest, Mayer, Johnson, Calafat, Ablain, Boyer, Cheng, Desbruyères, Forget, Giglio, Kuusela, Locarnini, Lyman, Llovel, Mishonov, Reagan, Rousseau, and Benveniste (2024). North Atlantic heat transport convergence derived from a regional energy budget using different ocean heat content estimates. *Surveys in Geophysics* 45, 1855–1874 (2024). <https://doi.org/10.1007/s10712-024-09865-5>
66. Song, Li, Hu, Cheng, Forget, Chen, Duan, and Wang (2024). Decadal thermal variability of the upper Southern Ocean: zonal asymmetry. *Journal of Climate* 37, 3117–3132, <https://doi.org/10.1175/JCLI-D-23-0649.1>
65. Jönsson, B. F., Follett, C. L., Bien, J., Dutkiewicz, S., Hyun, S., Kulk, G., ... & Sathyendranath, S. (2023). Using Probability Density Functions to Evaluate Models (PDFEM, v1. 0) to compare a biogeochemical model with satellite-derived chlorophyll. *Geoscientific Model Development*, 16(16), 4639-4657.
64. Sanders, Rachael N.C. ; Jones, Daniel C. ; Josey, Simon A. ; Sinha, Bablu; Forget, G. 2022 Causes of the 2015 North Atlantic cold anomaly in a global state estimate. *Ocean Science*, 18 (4). 953-978. <https://doi.org/10.5194/os-18-953-2022>
63. Hyun S, Mishra A, Follett CL, Jonsson B, Kulk G, Forget G, Racault M-F, Jackson T, Dutkiewicz S, Müller CL, Bien J. 2022 Ocean mover's distance: using optimal transport for analysing oceanographic data. *Proc. R. Soc. A* 478: 20210875. <https://doi.org/10.1098/rspa.2021.0875>
62. Britten, G. L., Padalino, C., Forget, G., & Follows, M. J. (2022). Seasonal photoacclimation in the North Pacific Transition Zone. *Global Biogeochemical Cycles*, 36, e2022GB007324. <https://doi.org/10.1029/2022GB007324>
61. Wu, Z., & Forget, G. (2022). PlanktonIndividuals.jl: A GPU supported individual-based phytoplankton life cycle model. *Journal of Open Source 1 Software*, 7(73), 4207. <https://doi.org/10.21105/joss.04207>
60. Strobach, E., Molod, A., Barahona, D., Trayanov, A., Menemenlis, D., and Forget, G.: Earth system model parameter adjustment using a Green's functions approach, *Geosci. Model Dev.*, 15, 2309–2324, <https://doi.org/10.5194/gmd-15-2309-2022>, 2022.
59. Peytavin, A., Sainte-Rose, B., Forget, G., and Campin, J.-M. (2021): Ocean Plastic Assimilator v0.2: Assimilation of Plastics Concentration Data Into Lagrangian Dispersion Models, *Geosci. Model Dev.*, <https://doi.org/10.5194/gmd-14-4769-2021>
58. Kostov, Y., Johnson, H.L., Marshall, D.P. et al. Distinct sources of interannual subtropical and subpolar Atlantic overturning variability. *Nat. Geosci.* (2021). <https://doi.org/10.1038/s41561-021-00759-4>
57. Follett, C.L., Dutkiewicz, S., Forget, G., Cael, B.B. and Follows, M.J. (2021), Moving ecological and biogeochemical transitions across the North Pacific. *Limnol Oceanogr.* <https://doi.org/10.1002/lno.11763>
56. Rousselet, L., Cessi, P., & Forget, G. (2021). Coupling of the mid-depth and abyssal components of the global overturning circulation according to a state estimate. *Science Advances*, 7(21), <https://doi.org/10.1126/sciadv.abf5478>

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55. Forget, G., (2021). IndividualDisplacements.jl: a Julia package to simulate and study particle displacements within the climate system. *Journal of Open Source Software*, 6(60), 2813. <https://doi.org/10.21105/joss.02813>
54. Boland, E. J. D., Jones, D. C., Meijers, A. J. S., Forget, G., & Josey, S. A. (2021). Local and remote influences on the heat content of Southern Ocean mode water formation regions. *Journal of Geophysical Research: Oceans*, 126, e2020JC016585. <https://doi.org/10.1029/2020JC016585>
53. Rousselet, L., Cessi, P., & Forget, G. (2020). Routes of the upper branch of the Atlantic meridional overturning circulation according to an ocean state estimate. *Geophysical Research Letters*, 47, e2020GL089137. <https://doi.org/10.1029/2020GL089137>
52. Sonnewald, M., Dutkiewicz, S., Hill, C. and Forget, G., 2020. Elucidating ecological complexity: Unsupervised learning determines global marine eco-provinces. *Science Advances*, 6(22), p.eaay4740.
51. Strobach, E., Molod, A., Trayanov, A., Forget, G., Campin, J.M., Hill, C. and Menemenlis, D., 2020. Three-to-Six-Day Air-Sea Oscillation in Models and Observations. *Geophysical Research Letters*, p.e2019GL085837.
50. Lauderdale, J.M., Braakman, R., Forget, G., Dutkiewicz, S. and Follows, M.J., 2020. Microbial feedbacks optimize ocean iron availability. *Proceedings of the National Academy of Sciences*, 117(9), pp.4842-4849.
49. Jones, D.C., Boland, E., Meijers, A.J., Forget, G., Josey, S., Sallée, J.B. and Shuckburgh, E., 2020. The sensitivity of Southeast Pacific heat distribution to local and remote changes in ocean properties. *Journal of Physical Oceanography*, 50(3), pp.773-790.
48. Jackson, L.C., Dubois, C., Forget, G., Haines, K., Harrison, M., Iovino, D., Köhl, A., Mignac, D., Masina, S., Peterson, K.A. and Picuch, C.G., 2019. The mean state and variability of the North Atlantic circulation: a perspective from ocean reanalyses. *Journal of Geophysical Research: Oceans*, 124(12), pp.9141-9170.
47. Jones, D.C., Boland, E., Meijers, A.J., Forget, G., Josey, S.A., Sallée, J.B. and Shuckburgh, E., 2019. Heat Distribution in the Southeast Pacific Is Only Weakly Sensitive to High-Latitude Heat Flux and Wind Stress. *Journal of Geophysical Research: Oceans*, 124(12), pp.8647-8666.
46. Storto, A., Alvera-Azcárate, A., Balmaseda, M.A., Barth, A., Chevallier, M., Counillon, F., Domingues, C.M., Drevillon, M., Drillet, Y., Forget, G. and Garric, G., 2019. Ocean reanalyses: recent advances and unsolved challenges. *Frontiers in Marine Science*, 6, p.418.
45. Frajka-Williams, et al , 2019. Atlantic meridional overturning circulation: Observed transport and variability. *Frontiers in Marine Science*, 6, p.260.
44. Forget, G. and Ferreira, D., 2019. Global ocean heat transport dominated by heat export from the tropical Pacific. *Nature Geoscience*, 12(5), pp.351-354.
43. Heimbach, P., Fukumori, I., Hill, C.N., Ponte, R.M., Stammer, D., Wunsch, C., Campin, J.M., Cornuelle, B., Fenty, I., Forget, G. and Köhl, A., 2019. Putting it all together: Adding value to the global ocean and climate observing systems with complete self-consistent ocean state and parameter estimates. *Frontiers in Marine Science*, 6, p.55.

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42. Wagner, C.C., Amos, H.M., Thackray, C.P., Zhang, Y., Lundgren, E.W., Forget, G., Friedman, C.L., Selin, N.E., Lohmann, R. and Sunderland, E.M., 2019. A global 3-D ocean model for PCBs: Benchmark compounds for understanding the impacts of global change on neutral persistent organic pollutants. *Global Biogeochemical Cycles*, 33(3), pp.469-481.
41. Roemmich, D., et al. , 2019. On the future of Argo: A global, full-depth, multi-disciplinary array. *Frontiers in Marine Science*, 6, p.439.
40. Strobach, E., A. Molod, G. Forget, J.-M. Campin, C. Hill, D. Menemenlis, P. Heimbach, 2018: Consequences of different air-sea feedbacks on ocean using MITgcm and MERRA-2 forcing: Implications for coupled data assimilation systems. *Ocean Modelling*, 132, 91-111, doi: 10.1016/j.ocemod.2018.10.006
39. Amrhein, D.E., C. Wunsch, O. Marchal, and G. Forget, 2018: A Global Glacial Ocean State Estimate Constrained by Upper-Ocean Temperature Proxies. *J. Climate*, 31,8059–8079, <https://doi.org/10.1175/JCLI-D-17-0769.1>
38. Jones, D. C., Forget, G., Sinha, B., Josey, S. A., Boland, E. J. D., Meijers, A. J. S., & Shuckburgh, E. (2018). Local and remote influences on the heat content of the Labrador Sea: An adjoint sensitivity study. *Journal of Geophysical Research: Oceans*, 123, 2646-2667. <https://doi.org/10.1002/2018JC013774>
37. Liang, X., C.G. Piecuch, R.M. Ponte, G. Forget, C. Wunsch, and P. Heimbach, 2017: Change of the Global Ocean Vertical Heat Transport over 1993–2010. *J. Climate*, 30, 5319–5327, <https://doi.org/10.1175/JCLI-D-16-0569.1>
36. Evans, D.G., J. Toole, G. Forget, J.D. Zika, A.C. Naveira Garabato, A.J. Nurser, and L. Yu, 2017: Recent Wind-Driven Variability in Atlantic Water Mass Distribution and Meridional Overturning Circulation. *J. Phy. Oceanogr.*, 47, <https://doi.org/10.1175/JPO-D-16-0089.1>
35. Ashkezari, M., Hill, C. N., Follett, C., Forget, G., and Follows, M., 2016: Oceanic eddy detection and lifetime forecast using machine learning methods. *Geophys. Res. Lett.*, 43, doi: 10.1002/2016GL071269
34. Song, H., Marshall, J., Follows, M., Dutkiewicz, S., and G. Forget, 2016: Source waters for the highly productive Patagonian shelf in the southwestern Atlantic. doi:10.1016/j.jmarsys.2016.02.009
33. Chevallier, et al., 2016: Intercomparison of the Arctic sea ice cover in global ocean–sea ice reanalyses from the ORA-IP project. *Climate Dynamics*, 1-30, DOI: 10.1007/s00382-016-2985-y.
32. Danabasoglu, et al., 2016: North Atlantic simulations in Coordinated Ocean-ice Reference Experiments phase II (CORE-II). Part II: Inter-annual to decadal variability. *Ocean Modelling*, 97, 65-90, doi:10.1016/j.ocemod.2015.11.007.
31. Chaudhuri, A., R. M. Ponte, and G. Forget, 2016: Impact of uncertainties in atmospheric boundary conditions on ocean model solutions. doi:10.1016/j.ocemod.2016.02.003.
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29. Forget, G., J.-M. Campin, P. Heimbach, C. N. Hill, R. M. Ponte, and C. Wunsch, 2015: Ecco version 4: an integrated framework for non-linear inverse modeling and global ocean state estimation. *Geoscientific Model Development*, 8, 3071-3104, doi:10.5194/gmd-8-3071-2015.
28. Forget, G. and R. Ponte, 2015: The partition of regional sea level variability. *Progress in Oceanography*, 137, 173–195, doi:10.1016/j.pocean.2015.06.002.
27. Piecuch, C., P. Heimbach, R. M., Ponte, and G. Forget, 2015: Sensitivity of contemporary sea level trends in a global ocean state estimate to effects of geothermal fluxes. *Ocean Modelling*, 96, 214-220.
26. McCaffrey, K., B. Fox-Kemper, and G. Forget, 2015: Estimates of Ocean Macro-turbulence: Structure Function and Spectral Slope from Argo Profiling Floats. *Journal of Physical Oceanography*, 45, 1773–1793.
25. Liang, X., C. Wunsch, P. Heimbach, and G. Forget, 2015: Vertical redistribution of oceanic heat content. *Journal of Climate*, 28 (9), 3821–3833.
24. Buckley, M. W., R. M. Ponte, G. Forget, and P. Heimbach, 2015: Determining the origins of advective heat transport convergence variability in the North Atlantic. *Journal of Climate*, 28 (10), 3943–3956.
23. Fukumori, I., O. Wang, W. Llovel, I. Fenty, and G. Forget, 2015: A near-uniform fluctuation of ocean bottom pressure and sea level across the deep ocean basins of the arctic ocean and the nordic seas. *Progress in Oceanography*, 134 (0), 152– 172.
22. Toyoda, T., et al., 2015: Interannual-decadal variability of wintertime mixed layer depths in the north pacific detected by an ensemble of ocean syntheses. *Climate Dynamics*, 1–17.
21. Toyoda, T., et al., 2015: Intercomparison and validation of the mixed layer depth fields of global ocean syntheses. *Climate Dynamics*, 1–21.
20. Storto, A., et al., 2015: Steric sea level variability (19932010) in an ensemble of ocean reanalyses and objective analyses. *Climate Dynamics*, 1–21.
19. Balmaseda, M., et al., 2015: The ocean reanalyses intercomparison project (ora-ip). *Journal of Operational Oceanography*, 8 (sup1), s80–s97.
18. Buckley, M. W., R. M. Ponte, G. Forget, and P. Heimbach, 2014: Low frequency SST and upper-ocean heat content variability in the North Atlantic. *Journal of Climate*, 27.
17. Danabasoglu, G., et al., 2014: North Atlantic simulations in coordinated ocean-ice reference experiments phase II (core-II). Part I: Mean states. *Ocean Modelling*, 73 (0).
16. Speer, K. and G. Forget (2013): Global distribution and formation of mode waters. Chapter 9 in: *Ocean Circulation and Climate: a 21st Century Perspective*, 211–226, doi:10.1016/B978-0-12-391851-2.00009-X.
15. Chaudhuri, A. H., R. M. Ponte, G. Forget, and P. Heimbach, 2013: A comparison of atmospheric reanalysis surface products over the ocean and implications for uncertainties in air–sea boundary forcing. *Journal of Climate*, 26 (1), 153–170.
14. Roquet, F., C. Wunsch, G. Forget, P. Heimbach et al., 2013: Estimates of the southern ocean general circulation improved by animal-borne instruments. *GRL*, 40 (23), 6176–6180.
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12. Heimbach, P., C. Wunsch, R. M. Ponte, G. Forget, C. Hill, and J. Utke, 2011: Timescales and regions of the sensitivity of Atlantic meridional volume and heat transport: Toward observing system design. *Deep Sea Research II: Topical Studies in Oceanography*, 58 (17).
11. Forget, G., 2010: Mapping ocean observations in a dynamical framework: A 2004-06 ocean atlas. *Journal of Physical Oceanography*, 40 (6), 1201–1221.
10. Maze, G., G. Forget, M. Buckley, J. Marshall, and I. Cerovecki, 2009: Using transformation and formation maps to study the role of air–sea heat fluxes in North Atlantic Eighteen Degree Water formation. *Journal of Physical Oceanography*, 39, 1818–1835
9. Hoteit, I., B. Cornuelle, S. Kim, G. Forget, A. Kohl, and E. Terrill, 2009: Assessing 4d-var for dynamical mapping of coastal high-frequency radar in san diego. *Dynamics of Atmospheres and Oceans*, 48 (1), 175–197.
8. Heimbach, P., G. Forget et al., 2009: Observational requirements for global-scale ocean climate analysis: Lessons from ocean state estimation. *Proc. of the OceanObs09 Conf.: Sustained Ocean Observations and Information for Society, Venice, Italy, Vol. 2*
7. Rienecker, M., et. al., 2009: Synthesis and assimilation systems - essential adjuncts to the global ocean observing system. *Proc. of the OceanObs09 Conference: Sustained Ocean Observations and Information for Society, Venice, Italy, Vol. 1.*
6. Marshall, J., et al., 2009: Observing the cycle of convection and restratification over the gulf stream and the subtropical gyre of the North Atlantic ocean: preliminary results from the CLIMODE field campaign. *Bull. Amer. Meteor. Soc.*, 90, 1337–1350.
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3. Forget, G. and C. Wunsch, 2007: Estimated Global Hydrographic Variability. *Journal of Physical Oceanography*, 37 (8), 1997–2008.
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1. Forget, G., 2005: Profils ARGO et assimilation 4Dvar pour le suivi climatique de l’océan Nord Atlantique. Ph.D. thesis, University of Brest (UBO), Brittany, France

NON PEER
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- The ECCO Consortium (Forget, G., et al.), 2015: Estimating the Circulation and Climate of the Ocean (ECCO): Advancing CLIVAR Science. *CLIVAR Exchanges*, 67, 41-45.
- The NASA Sea Level Change Team (Nerem, R. S., et al.), 2015: Advancing Sea Level Science; Decadal Survey in Earth Science and Applications from Space; White Paper