

List of publications for Laurent Brodeau

- [1] M. Ballarotta, L. Brodeau, J. Brandefelt, P. Lundberg, and K. Döös. “A Last Glacial Maximum world-ocean simulation at eddy-permitting resolution - Part 1: Experimental design and basic evaluation”. In: *submitted to Climate of the Past* (2013).
- [2] M. Ballarotta, K. Döös, J. Nycander, L. Brodeau, and S. Falahat. “The vigorous large-scale ocean circulations during the Last Glacial Maximum”. In: *submitted to J. Geophys. Res.* (2013).
- [3] T. Koenigk and L. Brodeau. “Ocean heat transport into the Arctic in the 20th and 21th century in EC-Earth”. In: *submitted to Climate Dynamics (minor rev.)* (2013).
- [4] J. Nilsson, K. Döös, P. Ruti, V. Artale, A. Coward, and L. Brodeau. “Observed and modeled global-ocean turbulence regimes as deduced from surface trajectory data”. In: *J. Phys. Oceanogr. (Accepted)* (2013).
- [5] K. Döös, J. Nilsson, J. Nycander, L. Brodeau, and M. Ballarotta. “The World Ocean Thermohaline Circulation”. In: *J. Phys. Oceanogr.* 42 (2012), pp. 1445–1460. DOI: 10.1175/JPO-D-11-0163.1.
- [6] T. Koenigk, L. Brodeau, R. G. Graversen, J. Karlsson, G. Svensson, M. Tjernström, U. Willén, and K. Wyser. “Arctic climate change in 21st century CMIP5 simulations with EC-Earth”. In: *Climate Dynamics* (2012). DOI: 10.1007/s00382-012-1505-y.
- [7] A. Sterl, R. Bintanja, L. Brodeau, E. Gleeson, T. Koenigk, T. Schmith, T. Semmler, C. Severijns, K. Wyser, and S. Yang. “A look at the ocean in the EC-Earth climate model”. In: *Climate Dynamics* 39 (2012), pp. 2631–2657. DOI: 10.1007/s00382-011-1239-2.
- [8] K. Döös, V. Rupolo, and L. Brodeau. “Dispersion of surface drifters and model-simulated trajectories”. In: *Ocean Modelling* 39 (2011), pp. 301–310. DOI: 10.1016/j.ocemod.2011.05.005.
- [9] L. Brodeau, B. Barnier, A.-M. Treguier, T. Penduff, and S. Gulev. “An ERA40-based atmospheric forcing for global ocean circulation models”. In: *Ocean Modelling* 31 (2010), pp. 88–104.
- [10] T. Penduff, M. Juza, L. Brodeau, G. C. Smith, B. Barnier, J.-M. Molines, A.-M. Treguier, and G. Madec. “Impact of global ocean model resolution on sea-level variability with emphasis on interannual time scales”. In: *Ocean Science* 6 (2010), pp. 269–284.
- [11] B. Barnier, L. Brodeau, J. Le Sommer, J.-M. Molines, T. Penduff, S. Theetten, A.-M. Treguier, G. Madec, A. Biastoch, C. W. Böning, J. Dengg, S. Gulev, R. Bourdalle Badie, J. Chanut, G. Garric, S. Alderson, A. Coward, B. de Cuevas, A. New, K. Haines, G. Smith, S. Drijfhout, W. Hazeleger, C. Severijns, and P. Myers. “Eddy-Permitting Ocean Circulation Hindcasts of Past Decades”. In: *CLIVAR Exchanges* 12 (2007), pp. 8–10.