

Stephen C. Riser

Refereed Publications

1. Riser, S.C., H.T. Rossby, and H.J. Freeland (1978) Mesoscale motions near the deep western boundary of the N. Atlantic. *Deep-Sea Research*, **25**, 1179-1191.
2. Riser, S.C. (1982) The quasi-Lagrangian nature of SOFAR floats. *Deep-Sea Research*, **29**, 1587-1602.
3. Riser, S.C. and H.T. Rossby (1983) Quasi-Lagrangian structure and variability of the subtropical western North Atlantic circulation. *Journal of Marine Research*, **41**, 127–162.
4. Rossby, H.T., S.C. Riser and A. J. Mariano (1983) The western North Atlantic – a Lagrangian viewpoint. In: *Eddies in Marine Science*, A. Robinson (ed.), Springer-Verlag, Berlin Heidelberg , pp. 66-91.
5. McWilliams, J.C., E.D. Brown, H.L. Bryden, C.C. Ebbesmeyer, B.A. Elliot, R.H. Heinmiller, B.L.Hua, K.D. Leaman, E.J. Lindstrom, J.R. Luyten, S.E. McDowell, W.B. Owens, H. Perkins, J.F. Price, L. Regier, S.C. Riser, H.T. Rossby, T.B. Sanford, C.Y. Shen, B.A. Taft, and J.C. Van Leer. (1983) The local dynamics of eddies in the western North Atlantic. In: *Eddies in Marine Science*, A.R. Robinson (ed.), Springer-Verlag, Berlin Heidelberg, pp. 92-113.
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11. Lozier, M.S. and S.C. Riser (1990) Potential vorticity sources and sinks in a quasi-geostrophic ocean: beyond western boundary currents. *Journal of Physical Oceanography*, **20**, 1608-1627.
12. Hautala, S.L. and S.C. Riser (1993) A nonconservative beta-spiral determination of the deep circulation in the eastern South Pacific. *Journal of Physical Oceanography*, **23**, 1975-2000.
13. Swift, D.D and S.C. Riser (1994) RAFOS floats: defining and targeting surfaces of neutral buoyancy. *Journal of Atmospheric and Oceanic Technology*, **11**, 1079-1092.
14. Riser, S.C., M. Warner, and G. Yurasov (1999) Circulation and mixing of water masses of Tatar Strait and the northwestern boundary region of the Japan Sea. *Journal of Oceanography*, **55**, 133-156.
15. Gladyshev, S., S. Martin, S. Riser, and A. Figurkin (2000) Dense water production on the northern Okhotsk shelves: comparison of ship-based spring-summer observations for 1996 and 1997 with satellite observations. *Journal of Geophysical Research*, **105**, 26281-26299.
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