

- Lermusiaux, P.F.J., Robinson, A.R., 1998. Data assimilation via Error Subspace Statistical Estimation et al. *Statistical Estimation, Part I: Theory and Schemes*. *Month. Weather Rev.* in press.
- Lermusiaux, P.F.J. 1998. Data assimilation via Error Subspace Statistical Estimation, Part II: Mid-Atlantic Bight Shelfbreak Front Simulations and ESSE validation. *Month. Weather Rev.*, in press.
- Lermusiaux, P.F.J., Anderson, D.G., Lozano, C.J., 1998. On the mapping of multivariate geophysical fields: error and variability subspace initial estimates. *Q. J. R. Meteorol. Soc.*, sub-judice.
- Lozano, C.J., Haley, P.J., Arango, H.G., Sloan Q., Robinson, A.R., 1994. Harvard coastal/deep water primitive equation model. *Harvard Open Ocean Model Reports No. 52*. Harvard Univ., Cambridge, MA.
- Lozano, C.J., Robinson, A.R., Arango, H.G., Gangopadhyay, A., Sloan, N.Q., Haley P.J., Leslie, W.G., 1996. An interdisciplinary ocean prediction system: Assimilation strategies and structured data models. *Modern approaches to data assimilation in ocean modelling*. In: Malanotte-Rizzoli, P. (Ed.), Elsevier Oceanography Series, Elsevier, Amsterdam.
- MacCready, P., Rhines, P., 1993. Slippery bottom boundary layers on a slope. *J. Phys. Oceanogr.* 23, 5–22.
- Malanotte-Rizzoli, P. (Ed.), 1996. *Modern Approaches to Data Assimilation in Ocean Modelling*. Elsevier Oceanography Series, Elsevier, Amsterdam.
- Miller, R.N., Carter, E.F., Blue, S.T., 1998. Data assimilation into nonlinear stochastic models. Available from <http://tangaroa.oce.orst.edu/stochast.html>.
- Mellor, G.L., Wang, X.H., 1996. Pressure compensation and the bottom boundary layer. *J. Phys. Oceanogr.* 26 (10), 2214–2222.
- Mertz, G., Wright, D.G., 1992. Interpretations of the JEBAR term. *J. Phys. Oceanogr.* 22, 301–305.
- Moretti, M., Sansone, E., Spezie, G., De Maio, A., 1993. Results of investigations in the Sicily Channel (1986–1990). *Deep-Sea Res. II* 40 (6), 1181–1192.
- Munk, W., 1981. Internal waves and small-scale processes, In: Warren, B.A., Wunsch, C. (Eds.), *Evolution of Physical Oceanography. Scientific Surveys in Honor of Henry Stommel*, 264–291.
- Onken, R., Sellschopp, J., 1998. Seasonal variability of flow instabilities in the Strait of Sicily. *J. Geophys. Res.* 103 (C11), 24799–24820.
- Orlanski, I., 1976. A simple boundary condition for unbounded hyperbolic flows. *J. Comput. Phys.* 41, 251–269.
- Pouliquen, E. (Ed.), 1997. *Rapid environmental assessment*. SACLANTCEN Conference Proceedings Series CP-44, 290 pp.
- Robinson, A.R., Golnaraghi, M., Leslie, W.G., Artegiani, A., Hecht, A., Lazzoni, E., Michelato, A., Sansone, E., Theocharis, A., 1991. Ünlüata, Ü., 1991. The eastern Mediterranean general circulation: features, structure and variability. *Dynamics of Atmosphere and Oceans* 15 (35), 215–240.
- Robinson, A.R., Malanotte-Rizzoli P. (guest Eds.), 1993. *Topical studies in oceanography*. In: Milliman, J.D. (Ed.), *Deep-Sea Research II*, 40 (6) 1073–1329.
- Robinson, A.R., 1996. Physical processes, field estimation and an approach to interdisciplinary ocean modeling. *Earth Sci. Rev.* 40, 3–54.
- Robinson, A.R., Arango, H.G., Warn-Varnas, A., Leslie, W.G., Miller, A.J., Haley, P.J., Lozano, C.J., 1996. In: Malanotte-Rizzoli, P. (Ed.), *Real-time Regional Forecasting in Modern Approaches to Data Assimilation in Ocean Modeling*. Elsevier, Amsterdam.
- Robinson, A.R., Lermusiaux, P.F.J., Sloan, N.Q., III, 1998a. Data Assimilation, in *The Sea: The Global Coastal Ocean I*. In: Brink, K.H., Robinson, A.R. (Eds.), *Processes and Methods*, Vol. 10, Wiley, New York.
- Robinson, A.R., Sellschopp, J., Warn-Varnas, A., Leslie, W.G., Lozano, C.J., Haley, P.J., Jr., Anderson L.A., Lermusiaux, P.F.J., 1998b. *The Atlantic Ionian Stream*. *J. Marine Systems*, in press.
- Robinson et al., 1998c. *The Rapid Response 96, 97 and 98 exercises: The Strait of Sicily, Ionian Sea and Bay of Cadiz*. *Harvard Open Ocean Model Reports, Reports in Meteorology and Oceanography, Number 57*.
- Sellschopp J., Robinson, A.R., 1997. Describing and forecasting ocean conditions during operation rapid response. In: Pouliquen, E. (Ed.), *Rapid Environmental Assessment*. SACLANTCEN Conference Proceedings Series CP-44, 290 pp.
- Shapiro, R., 1970. Smoothing, filtering, and boundary effects. *Rev. Geophys. Space Phys.* 8 (2), 359–387.
- Sloan, N.Q., 1996. *Dynamics of a Shelf/Slope Front: Process Studies and Data-Driven Simulations*. PhD Thesis, May 1996, Harvard Univ. Cambridge, MA.