



Brian J. Rothschild

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Co-Director

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City of New Bedford, MA

Research Interests

Population dynamics, biological oceanography, fisheries management, and natural resources policy. Dr. Rothschild has served on many national and international committees, and has held faculty or other associations with such institutions as Harvard University, Scripps Institution of Oceanography, and the Woods Hole Oceanographic Institution. His research and service have been widely recognized, most recently in 2004 by the Outstanding Achievement Award from the American Institute of Fishery Research Biologists.

Current Funding

- NASA, Decision Support System for Fisheries Science with Focus on the Georges Bank Resource
- NOAA, New England Multispecies Survey
- NOAA, Scallop Fishery Assessment
- NOAA, Analysis and Development of Acoustic Systems to Improve CPUE Statistics and to Track Movements and Migration of Fish
- Private, Mount Hope Bay Natural Laboratory
- Comm. of MA/Division of Marine Fisheries, Ocean Fishery Data Predictions through Ocean Modeling
- Comm. of MA/MOBD, Massachusetts Fisheries Recovery Commission

Recent Publications

- Rothschild, B.J., C. Chen, and R.G. Lough, 2005. Managing fish stocks under climate uncertainty. *ICES J. Mar. Sci.*, 62, 1531-1541.
- Rothschild, B.J., 2005. Multiple scales in space and time. In: *The Sea*, Volume 13. Edited by Allan R. Robinson and Kenneth H. Brink. Harvard University Press, Cambridge, MA and London, pp. 61-98.
- Robinson, A.R., K.H. Brink, H.W. Ducklow, R.A. Jahnke, and B.J. Rothschild, 2005. Interdisciplinary multiscale coastal dynamical processes and interactions. In *The Sea*, Volume 13. Edited by Allan R. Robinson and Kenneth H. Brink. Harvard University Press, Cambridge, MA and London, pp. 3-35.
- Rothschild, B.J., and L.J. Shannon, 2004. Regime shifts and fishery management. *Prog. Oceanogr.*, 60, 397-402.
- Robinson, A.R., J.J. McCarthy and B.J. Rothschild (Eds.), 2002. *The Sea: Biological-Physical Interactions in the Sea*. John Wiley & Sons, Inc., New York.
- Rothschild, B.J., 2002. Population dynamics and physical forcing. In: *The Sea*, Volume 12. Edited by Allan R. Robinson, James J. McCarthy, and Brian J. Rothschild. John Wiley & Sons, Inc., New York, pp. 245-296.
- McCarthy, J.J., A.R. Robinson, and B.J. Rothschild, 2002. Introduction—Biological-physical interactions in the sea: emergent findings and directions. In *The Sea*, Volume 12. Edited by Allan R. Robinson, James J. McCarthy, and Brian J. Rothschild. John Wiley & Sons, Inc., New York, pp. 1-17.
- Rothschild, B.J., 2000. Fish stocks and recruitment: the past thirty years. *ICES J. Mar. Sci.*, 57, 191-201.
- Rothschild, B.J., P.J. Haley Jr., and D. Cai, 1999. Influence of physical forcing on microclouds of dissolved organic matter and nutrients in the ocean. *J. Plank. Res.*, 21(7), 1217-1230.
- Robinson, A.R., J.J. McCarthy, and B.J. Rothschild, 1999. Interdisciplinary ocean science is evolving and a systems approach is essential. *J. Mar. Sys.*, 22, 231-239, 1999.