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Research Interests

- General fisheries science that is relevant to resource management
- Population modeling of fishery resources
- Spatial population structure and movement
- Collaborative research with fishermen

Current Research

- "Fishery-Dependent Observation Program" \$517,346 from Massachusetts Marine Fisheries Institute NOAA Award, September 2008-August 2009.
- "Fish Biology" \$661,634 from Massachusetts Marine Fisheries Institute NOAA Award, September 2008-August 2009.
- "Fishery-Dependent Observation Program" \$405,693 from Massachusetts Marine Fisheries Institute NOAA BAA, September 2007-August 2009.
- "Southern New England Trawl Study-Fleet" \$48,224 NOAA CMER Program, September 2007-August 2009.

Selected Recent Publications

- Begg, G.A., and **S.X. Cadrin**, 2008 (in press). Stock Identification. In: *Reproductive Biology of Fishes*. T. Jokobsen, M. Fogarty, B.A. Megrey and E. Moksness, eds. Blackwell Publishing.
- Brodziak, J., **S.X. Cadrin**, C.M. Legault and S.A. Murawski, 2008. Goals and strategies for rebuilding New England groundfish stocks. *Fish. Res.* 94, 355–366.
- Cadrin, S.X.**, and M. Pastoors, 2008. Precautionary harvest policies and the uncertainty paradox. *Fish. Res.* 94, 367-372.
- Cadrin, S.X.**, and D.H. Secor, 2008 (in press). Accounting for spatial population structure in stock assessment: past, present and future. In: B.J. Rothschild and R. Beamish, eds., *The Future of Fishery Science in North America*. Springer Verlag.
- Cadrin, S.**, G. Shepherd, T. Sheehan, S. Kubis, J. Moser, A. Westwood, 2007. Using information from electronic tags for stock assessment of northeast fishery resources, pp. 60-61 In: *Workshop on Advancing Electronic Tag Technologies and their Use in Stock Assessments*. NOAA Tech. Mem. NMFS-F/SPO-82.
- Cadrin, S.X.**, B.J. Rothschild and I. Wirgin, 2007. To lump, or to split? ... Maybe the wrong question for stock identification of fishery resources. *ICES CM 2007/L:01*.
- DeCelles, G.R. and **S.X. Cadrin**, 2007. An interdisciplinary assessment of winter flounder stock structure. *ICES CM 2007/L:18*.
- Eagle, T.C., **S.X. Cadrin**, M.E. Caldwell, R.D. Methot and M.F. Nammack, 2008. *Conservation Units of Managed Fish, Threatened or Endangered Species, and Marine Mammals*. NOAA Tech. Mem. NMFS-OPR-37.
- Reid, D.G., J. Annala, S. Rosen, M. Pol, **S.X. Cadrin** and S.J. Walsh, 2007. Current status of mobile and static sampling gears used in resource surveys. *ICES J. Mar. Sci.* 64, 1607-1609.
- Richards, A., P. Nitschke, **S. Cadrin**, P. Rago, and J.-J. Maguire, 2007. Population biology and assessment of monkfish (*Lophius americanus*) in USA waters. *ICES CM 2007/K:04*.
- Secor, D.H., L.A. Kerr and **S.X. Cadrin**, 2008 (in press). Connectivity effects on productivity, stability, and response diversity in an Atlantic herring metapopulation. *ICES J. Mar. Sci.*
- Shepherd, G., **S. Cadrin**, J. Moser, A. Westwood and S. Kubis, 2007. Application of electronic data storage tags in studies of black sea bass and yellowtail flounder in the Northwest Atlantic, pp. 43-44 In: *Workshop on Advancing Electronic Tag Technologies and their Use in Stock Assessments*. NOAA Tech. Mem. NMFS-F/SPO-82.