John Francis Kocik

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EDUCATION - CERTIFICATION

1. College – Undergraduate: **BS** Degree, Biology with Chemistry minor 1984. State University of New York at Plattsburgh (PSUC).
2. College – Graduate: **MS** Degree, Fisheries Science 1988. Michigan State University (MSU), Thesis: *Population parameters and abundance of pink salmon in the upper Great Lakes.*
3. College – Graduate: **Ph.D.** Fisheries Science 1992. Michigan State University (MSU), Dissertation: *Evaluation of juvenile brown trout and steelhead competition in Great Lakes tributaries.*
4. **Certified Fisheries Scientist**. 1996. American Fisheries Society Certification # 213

SPECIALIZATION

Applied population dynamics and marine ecology of salmonids and other diadromous fish. -Identifying and quantifying the environmental, ecological, and utilization factors that influence fish abundance and aquatic ecosystem structure and function. Use of telemetry in estuary and nearshore environments to assess survival, predation, and other vital rates of diadromous fish.

PROFESSIONAL EXPERIENCE

1. Dates: June 2001 – present
Position Title: **Task Chief, Supervisory Research Fishery Biologist** Grade: **GS 482 ZP 4 Band IV-03**
Supervisor: Paul Rago
Employer: NMFS, NEFSC, Population Dynamics Branch, Atlantic Salmon Task, Orono, ME 04473

2. Dates: August 1992 – May 2001
Position Title: **Research Fishery Biologist Grade**: **GS 482-12 Step 4-6 through GS 482-13 Step 6**
Supervisors: Wendy Gabriel, Steven Murawski
Employer: NMFS, NEFSC, Population Dynamics Branch, Woods Hole, MA 02543

SAMPLE PUBLICATIONS

1. **Kocik, J. F.**, W. W. Taylor and W. C. Wagner. 1991. Abundance, size, and recruitment of pink salmon (*Oncorhynchus gorbuscha*) in selected Michigan tributaries of the upper Great Lakes, 1984-1988. Journal of Great Lakes Research. 17:203-213. Link

2. **Kocik, J. F.** and W. W. Taylor. 1995. Effect of juvenile steelhead (*Oncorhynchus mykiss*) on age-0 and age-1 brown trout (*Salmo trutta*) survival and growth in a sympatric nursery stream. Canadian Journal of Fisheries and Aquatic Sciences. 52: 105-114. Link

3. **Kocik, J. F.**, and C. P. Ferreri. 1998. Juvenile Production Variation in Salmonids: Population Dynamics, Habitat, and the Role of Spatial Relationships, p. 191-200. *In* C. Folt, et al. Ed. Canadian Special Publication Fisheries and Aquatic Science. 55 (supplement 1).

4. **Kocik, J. F.**, Hawkes, J.P., Sheehan, T.F., Music, P.A., and Beland, K.F. 2009. Assessing estuarine and coastal migration and survival of wild Atlantic salmon from the Narraguagus River, Maine using ultrasonic telemetry. American Fisheries Society Symposium 69. Bethesda, Maryland. pp 293-310.

5. Hayes, S.A. and **Kocik, J.F.** 2014. Comparative marine migration ecology of Atlantic salmon and steelhead - blue highways and open plains. Reviews in Fish Biology and Fisheries. 24(3): 757-780. Link

6. Stich, D. S., G. B. Zydlewski, J. F. Kocik, and J. D. Zydlewski. 2015. Linking behavior, physiology, and survival of Atlantic salmon smolts during estuary migration. Marine and Coastal Fisheries: Dynamics, Management, and Ecosystem Science. 7:68-86. Link

7. Hussey, N. E., S. T. Kessel, K. Aarestrup, S. J. Cooke, P. D. Cowley, A. T. Fisk, R. G. Harcourt, K. N. Holland, S. J. Iverson, **J. F. Kocik**, J. E. Mills Flemming, and F. G. Whoriskey. 2015. Aquatic animal telemetry: a window into the underwater world. Science. Accepted.

PROFESSIONAL SOCIETIES

American Fisheries Society, AFS (1983- present)
Canadian Aquatic Resources Section AFS (1992-present)