

Jonathan A. Hare

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Education

Ph.D. Oceanography, State University of New York at Stony Brook. 1994.
B.A. Biology, Wesleyan University, Middletown, Connecticut. 1987.

Professional Experience

Science and Research Director, Northeast Fisheries Science Center, 2016 to present
Laboratory Director, Narragansett Laboratory, Northeast Fisheries Science Center, 2012 to 2016
Oceanography Branch Chief, Ecosystem Processes Division, Northeast Fisheries Science Center, 2008 to 2016
Supervisory Research Marine Scientist, NMFS Narragansett Laboratory, 2005 to 2008
Research Fishery Biologist, NOAA Beaufort Laboratory, 1997 to 2005
National Research Council Research Associate, NOAA Beaufort Laboratory, 1994 to 1997

Current Position

Responsible for NOAA Fisheries science in the Northeast Region supporting fisheries management, protected species management, and ecosystem-based approaches to management. Northeast Fisheries Science Center has 5 laboratories, more than 200 federal employees and more than 200 contract employees. The Center provides the scientific information and tools necessary for productive, sustainable, and healthy marine ecosystems and coastal communities from North Carolina to Maine.

Selected Publications (of more than 100 peer-reviewed publications)

Hare JA, et al. 2021. A review of River Herring science in support of species conservation and ecosystem restoration. *Marine and Coastal Fisheries* <https://doi.org/10.1002/mcf2.10174>
Hare JA. 2020. Ten lessons from the frontlines of science in support of fisheries management. *ICES Journal of Marine Science* <https://doi.org/10.1093/icesjms/fsaa025>
Hare JA, Kocik JF, Link JS. 2019. Atlantic Salmon Recovery Informing and Informed by Ecosystem-Based Fisheries Management. *Fisheries* <https://doi.org/10.1002/fsh.10262>
Hare, JA, et al. 2016. A vulnerability assessment of fish and invertebrates to climate change on the Northeast US Continental Shelf. *PloS one* 11.2 (2016): e0146756.
<https://doi.org/10.1371/journal.pone.0146756>

- Hare JA. 2014. The future of fisheries oceanography lies in the pursuit of multiple hypotheses. ICES Journal of Marine Science 71: 2343-2356. <http://doi.org/10.1093/icesjms/fsu018>
- Hare JA, Alexander M, Fogarty M, Williams E, Scott J. 2010. Forecasting the dynamics of a coastal fishery species using a coupled climate-population model. Ecological Applications 20: 452-464. <http://dx.doi.org/10.1890/08-1863.1>
- Hare JA, Able KW. 2007. Mechanistic links between climate and fisheries along the east coast of the United States: explaining population outbursts of Atlantic croaker (*Micropogonias undulatus*). Fisheries Oceanography 16: 31-45. <http://dx.doi.org/10.1111/j.1365-2419.2006.00407.x>
- Hare JA, Thorrold ST, Walsh H, Reiss C, Valle-Levinson A, Jones C. 2005. Bio-physical mechanisms of larval fish ingress into Chesapeake Bay. Marine Ecology Progress Series 303: 295-310. <http://dx.doi.org/10.3354/meps303295>
- Hare JA, Cowen RK. 1997. Size, growth, development and survival of the planktonic larvae of *Pomatomus saltatrix* (Pisces: Pomatomidae). Ecology 78:2415-2431. [http://dx.doi.org/10.1890/0012-9658\(1997\)078\[2415:SGDASO\]2.0.CO;2](http://dx.doi.org/10.1890/0012-9658(1997)078[2415:SGDASO]2.0.CO;2)

Synergetic Activities

- U.S. Delegate International Council for the Exploration of the Sea – 2016 to Present
Participant in numerous stock assessment workshops and working groups.
Northeast Regional Coastal Ocean Observing System Executive Committee – 2007 – 2012
President- Early Life History Section of the American Fisheries Society – July 2008-May 2010
Member US-Poland Joint Scientific Studies Advisory Committee, June 2002 - present

Research Activities

- Chief Scientist on 32 oceanographic cruises in the western Atlantic Ocean and Gulf of Mexico. Vessels include RV ONRUST, RV CAPE HATTERAS, RV PELICAN, NOAA Ship DELAWARE II, NOAA Ship FERREL, NOAA Ship OREGON II, NOAA Ship CHAPMAN, NOAA Ship GORDON GUNTER, and NOAA Ship HENRY H. BIGELOW. Cruise participant on 38 additional oceanographic and resource survey cruises in the western Atlantic Ocean, Gulf of Mexico, and Caribbean Sea. Additional vessels include RV ENDEAVOR, RV ISELIN, NOAA Ship ALBATROSS IV and NOAA Ship PISCES.
- Chief Scientist on a NOAA Natural Resource Damage Assessment sponsored cruise on board the NOAA Ship HENRY H. BIGELOW in response to the Deepwater Horizon MC252 incident. Organized, planned and led 12 scientists conducting acoustic, hydrography, and water chemistry operations in the vicinity of the wellhead.
- Southeast Region CoastWatch Node Manager – NOAA Beaufort Laboratory, 1998 to 2002 - Managed NOAA National Environmental Satellite, Data, and Information Service (NESDIS) Program at NOAA Beaufort Laboratory that made remotely-sensed data available for researchers, coastal managers, educators and the public.