Northeast Fisheries Science Center Publications, Reports, and Abstracts for Calendar Year 2011

by Laura Garner
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Information Quality Act Compliance: In accordance with section 515 of Public Law 106-554, the Northeast Fisheries Science Center completed both technical and policy reviews for this report. These predissemination reviews are on file at the NEFSC Editorial Office.

This document may be cited as:

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INTRODUCTION

The following bibliography consists of three sections: (1) anonymously peer-reviewed publications ("publications"); (2) transparently peer-reviewed and non-peer reviewed publications ("reports"); and (3) abstracts for oral presentations and poster displays. The bibliography covers works prepared by Northeast Fisheries Science Center (NEFSC) employees which have a 2010 publication date.

Editorial treatment of bibliographic entries is based on the Council of Science Editors style manual, seventh edition. Availability of reprints of publications and of photocopies of reports and abstracts varies for each work. Any initial request for a reprint or photocopy should be directed to the sole/senior NEFSC author of the work.

Bibliographies of publications, reports, and abstracts for earlier years are available online at: http://www.nefsc.noaa.gov/publications/lists/.

PUBLICATIONS


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Hartman KJ, Phelan BA, Rosendale JE. 2011. Temperature effects on Bioelectrical Impedance Analysis (BIA) used to estimate dry weight as a condition proxy in coastal bluefish. Mar Coast Fish. 3:307-316.


REPORTS


Jacobson LD, Seaver A, Tang J. 2011. AstroCalc4R: software to calculate solar zenith angle; time at sunrise, local noon and sunset; and photosynthetically available radiation based on date, time and location. NEFSC Ref Doc. 11-14; 10 p. Available online at: http://www.nefsc.noaa.gov/publications/crd/crd1114/

summary. NEFSC Ref Doc. 11-05; 6 p. Available online at: 
http://www.nefsc.noaa.gov/publications/crd/crd1105/

http://www.nefsc.noaa.gov/publications/crd/crd1112/

http://www.nefsc.noaa.gov/publications/crd/crd1107/

http://www.nefsc.noaa.gov/publications/crd/crd1119/


Link JS, Gamble RJ, Fulton E. 2011. NEUS-Atlantis: Construction, calibration, and application of an ecosystem model with ecological interactions, physiographic conditions, and fleet behavior. NOAA Tech Memo NMFS NE. 218; 247 p. Available online at: 
http://www.nefsc.noaa.gov/publications/tm/tm218

Link JS, Gamble RJ, Fogarty MJ. 2011. An overview of the NEFSC’s ecosystem modeling enterprise for the Northeast US shelf large marine ecosystem: Towards ecosystem-based fisheries management. NEFSC Ref Doc. 11-23; 89 p. Available online at: 
http://www.nefsc.noaa.gov/publications/crd/crd1123/

http://www.nefsc.noaa.gov/publications/tm/tm220/


**ABSTRACTS**


**Blogoslawski WJ, Stewart ME.** 2011. Some ozone applications in seafood. 20th Ozone World Congress and 6th Ultraviolet World Congress; Paris, France; 23-27 May 2011; pnk.

Bohaboy EC, Mueter FJ, Bundy A, Fu C, Hjermann DO, **Link JS.** 2011. Common patterns, common drivers: Comparative analysis of system-level aggregate surplus production
across northern hemisphere ecosystems [abstract]. Presented at: American Fisheries Society Annual Meeting; Seattle WA; 4-8 Sep 2011; np.


**Link JS**, Auster PJ. 2011. The challenges of evaluating competition among marine fishes: who cares, when does it matter, and what can one do about it? [abstract]. Presented at: 8th FSU Mote Symposium, Species Interactions in Marine Communities; Sarasota FL; 8-10 Nov 2011; np.


Smith BE, Collie JS, Lengyel NL. 2011. Chronic bottom fishing, the invasive ascidian Didemnum vexillum, and demersal fish feeding: The “pros” and “cons” of habitat alteration on northern Georges Bank [abstract]. Presented at: 141st Annual Meeting of the American Fisheries Society; Seattle WA; 4-8 Sep 2011; np.


Wirgin I, Roy NK, Loftus M, Chambers RC, Franks DG, Hahn ME. 2011. The mechanistic basis of resistance to PCBs and dioxin in Atlantic tomcod from the Hudson River, USA [abstract]. Presented at: International Symposium on Advanced Studies by Young Scientists on Environmental Pollution and Ecotoxicology; Ehime, Japan; 4-6 Aug 2011; np.

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Publications and Reports of the Northeast Fisheries Science Center

The mission of NOAA's National Marine Fisheries Service (NMFS) is “stewardship of living marine resources for the benefit of the nation through their science-based conservation and management and promotion of the health of their environment.” As the research arm of the NMFS’s Northeast Region, the Northeast Fisheries Science Center (NEFSC) supports the NMFS mission by “conducting ecosystem-based research and assessments of living marine resources, with a focus on the Northeast Shelf, to promote the recovery and long-term sustainability of these resources and to generate social and economic opportunities and benefits from their use.” Results of NEFSC research are largely reported in primary scientific media (e.g., anonymously-peer-reviewed scientific journals). However, to assist itself in providing data, information, and advice to its constituents, the NEFSC occasionally releases its results in its own media. Currently, there are three such media:

**NOAA Technical Memorandum NMFS-NE** -- This series is issued irregularly. The series typically includes: data reports of long-term field or lab studies of important species or habitats; synthesis reports for important species or habitats; annual reports of overall assessment or monitoring programs; manuals describing program-wide surveying or experimental techniques; literature surveys of important species or habitat topics; proceedings and collected papers of scientific meetings; and indexed and/or annotated bibliographies. All issues receive internal scientific review and most issues receive technical and copy editing.

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**Resource Survey Report** (formerly Fishermen’s Report) -- This information report is a regularly-issued, quick-turnaround report on the distribution and relative abundance of selected living marine resources as derived from each of the NEFSC’s periodic research vessel surveys of the Northeast’s continental shelf. This report undergoes internal review, but receives no technical or copy editing.

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