



Name	Changing spatial distribution of fish stocks in relation to climate and population size on the Northeast United States continental shelf
Description	From the Abstract: We analyzed temporal trends from 1968 to 2007 in the mean center of biomass, mean depth, mean temperature of occurrence, and area occupied in each of 36 fish stocks. Temporal trends in distribution were compared to time series of both local- and large-scale environmental variables, as well as estimates of survey abundance. Many stocks spanning several taxonomic groups, life-history strategies, and rates of fishing exhibited a poleward shift in their center of biomass, most with a simultaneous increase in depth, and a few with a concomitant expansion of their northern range. However, distributional changes were highly dependent on the biogeography of each species.
Type	- DATA: In situ Observations - PRODUCTS: Plans, Assessments, Studies
Sector	- Managed Ecosystems
Focus Area	- Sustainability of Marine Ecosystems - Changes in Extremes of Weather and Climate - Conservation/ Restoration of Sensitive Species and Habitats
Region	- Regional Or State -- New England -- Mid-Atlantic -- South East
Lead Agencies	NOAA Northeast Fisheries Science Center
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