



NExUS Ongoing Projects and Activities Thu Feb 21 21:05:16 EST 2019

Name	The Mid-Atlantic Cold Pool and Stock Assessments: Developing Environmental Indices at the Range Limit of Species
Description	<p>Summarized from proposal: The project builds on existing research documenting the cold pool (a Mid-Atlantic area of cooler winter water) as an important factor in determining the southern range for a number of cold- temperate species. Objectives include development of environmental indicators for integration into stock assessments for 2 important resource species, yellowtail flounder and Atlantic surfclam. Deliverables:</p> <ul style="list-style-type: none"> • Indices of cold pool dynamics designed for inclusion into the yellowtail flounder and Atlantic surfclam stock assessments. • Attendance of oceanographers and ecologists at stock assessment meetings. • Environmental indices for inclusion in the NEFSC Ecosystem Status Report (EAP 2009). • Peer-reviewed publications describing long term trends in cold pool dynamics and how these trends relate to changes in the productivity of commercially important species. <p>This projects is funded by NOAA National Marine Fisheries Service cross-cutting program, Fisheries and the Environment (FATE).</p>
Sector	- Managed Ecosystems
Focus Area	- Sustainability of Marine Ecosystems
Region	- Regional Or State -- Mid-Atlantic
Status	- Ongoing
Lead Agencies	NOAA National Marine Fisheries Service, Woods Hole Oceanographic Institution
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