

Weekly Report – August 30, 2024
Cooperative Institute for Satellite Earth System Studies (CISESS)
NOAA/NESDIS/STAR

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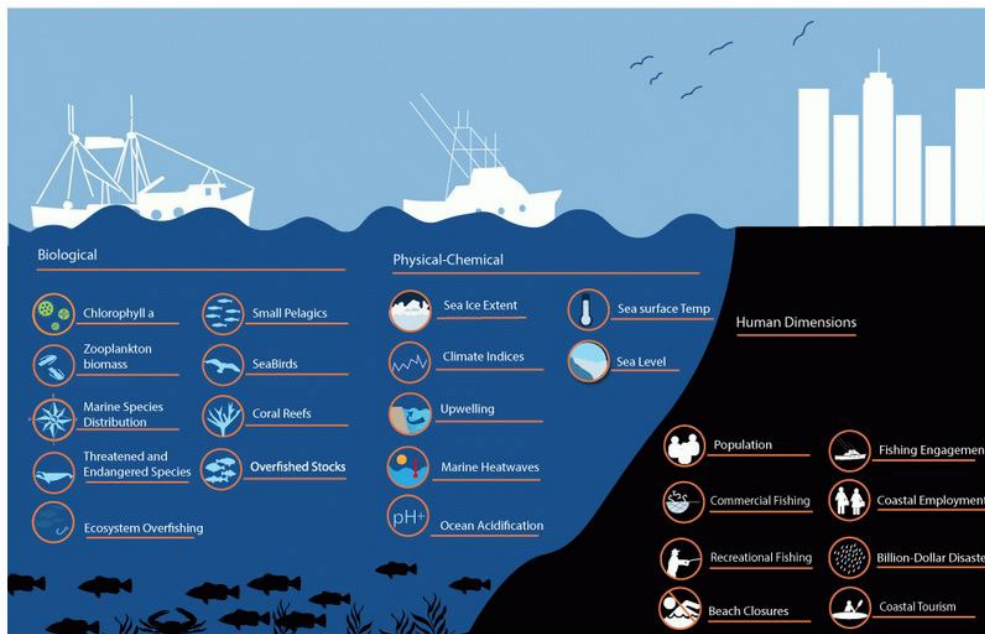
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HIGHLIGHTS FOR NESDIS LEADERSHIP

Data and Information

Ocean Acidification Chemistry Indicators Now Featured on the National Marine Ecosystem Status Website

On the heels of the publication of their recent *Nature Scientific Data* paper on [surface ocean acidification indicators in large marine ecosystems of the United States](#), CISESS Scientists Liqing Jiang, Hyelim Yoo, and Paige Lavin have announced that three of the indicators they analyzed, namely, the partial pressure of carbon dioxide in surface seawater, sea-surface pH, and the sea-surface aragonite saturation state, are now featured on the [National Marine Ecosystem Status](#) website, an achievement highlighting the importance of their research. Regions of interest include Alaska (specifically, the Aleutian Islands, the Beaufort Sea, the Eastern Bering Sea, the Gulf of Alaska, and the Northern Bering and Chukchi Seas), the California Current, the Caribbean, the Gulf of Mexico, Southeast and Northeast U.S., and U.S. Pacific Islands. These ocean acidification snapshots of the different ecosystems are an easily accessible resource useful to fisheries and natural resource managers, among others, via an attractive and user-friendly interface.



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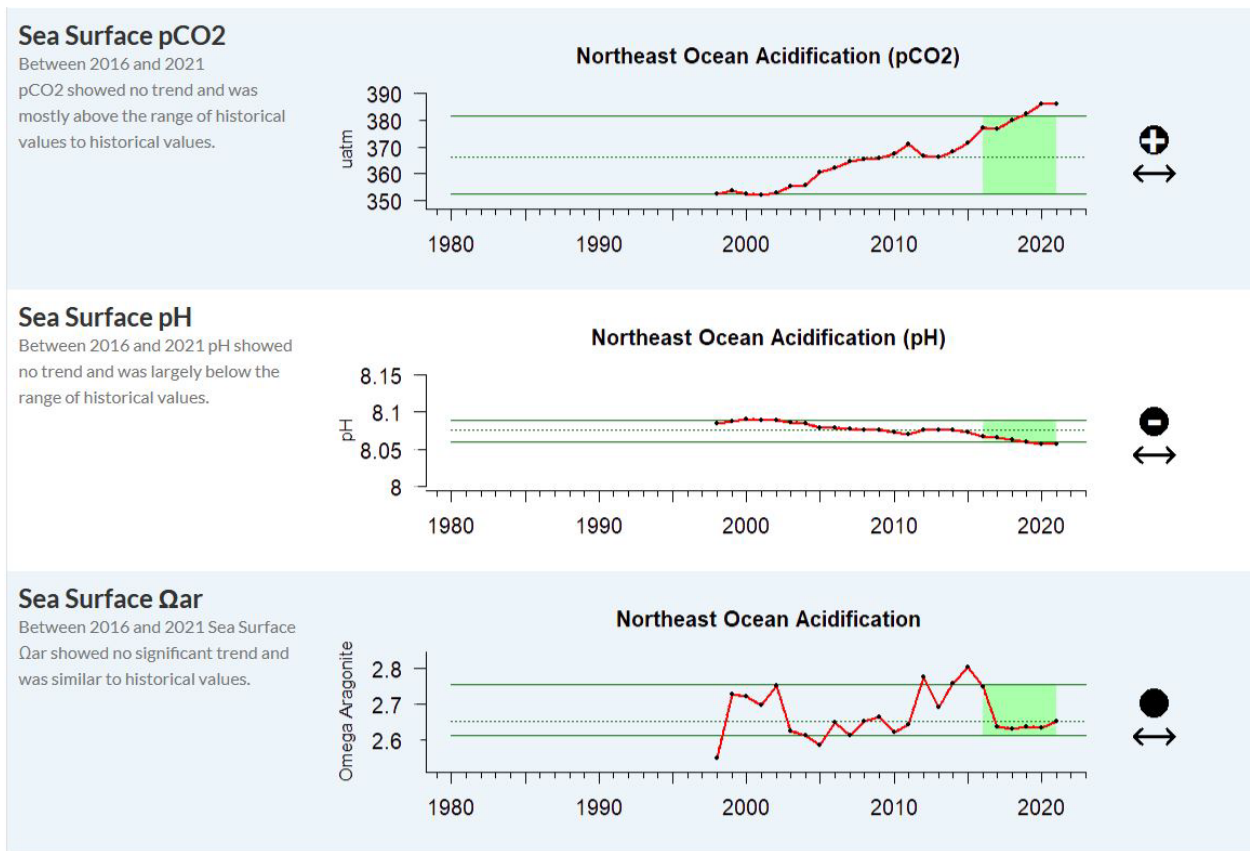


Figure. (Top) The “Theme” dashboard of the National Marine Ecosystem Status website, with the newly added “Ocean Acidification” option. (Bottom) Example of snapshots of the three ocean acidification indicators, including descriptive statistical information, for the Northeast U.S. region.

(Liqing Jiang, CISESS, liqing.jiang@noaa.gov; Funding: NCEI; Paige Lavin, CISESS, paige.lavin@noaa.gov; Funding: NCEI and ORS; Hyelim Yoo, CISESS, hyelim.yoo@noaa.gov; Funding: NCEI)

(Maureen Cribb, CISESS, mcribb@umd.edu, Funding: CISESS Task I)