Indicator
Sea Surface Temperature
2. Marine Heatwayes
a. Surface
b. Bottom
o. Bottom
3. Bottom Temperature
4. Cold Pool
5. Bottom Dissolved Oxygen
6. Ocean Acidification Risk
7. Mean Wind Speed
8. Stratification
9. Hudson River
10. Salinity
11. Global CO2
12. Surface 20C isotherm
13. Lobster Thermal Habitat
14. Surface Chlorophyll
15. Calanus finmarchicus abundance
16. Small/Large Copepod Ratio
5 1 1
17. American Lobster
18. Jonah Crab
10.00.44
19. Longfin Squid
17. Longini Squid
20. Shortfin Squid
20. Տուծար Տվան
21 Faraga Species Diamass
21. Forage Species Biomass
22. A
22. Aggregate Feeding Groups
22 T . 1T . 1D'
23. Total Trawl Biomass
24. Black Sea Bass
25. Summer Flounder
26. Northern to Southern Ratio
27. Benthic to Pelagic Ratioi
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28. Fish Species Richness
29. Average trophic Level of Fish Community
30. Temperature Preference of Fish Community
31. Commercial Harvest (KG)
32. Commercial Harvest (USD)
33. Recreational Harvest34. Recreational Effort
35. Vessel Density36. Human Population of Long Island
37. Sea Level Rise

Data Source
Satellite OISST (Huang et al., 2020)
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GLORYS12 Reanalysis (Lellouche, 2021)
World ocean database XBT and CTD (Boyer et al., 2018),
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EcoMon Program
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Bottom Trawl Survey (Northeast Fisheries Science
Center, 2022)
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NOAA Fisheries Office of Science and Technology, Commercial Landings Query
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U.S. Census Bureau (2022)
https://www.st.nmfs.noaa.gov/data-and-tools/social-indicators/