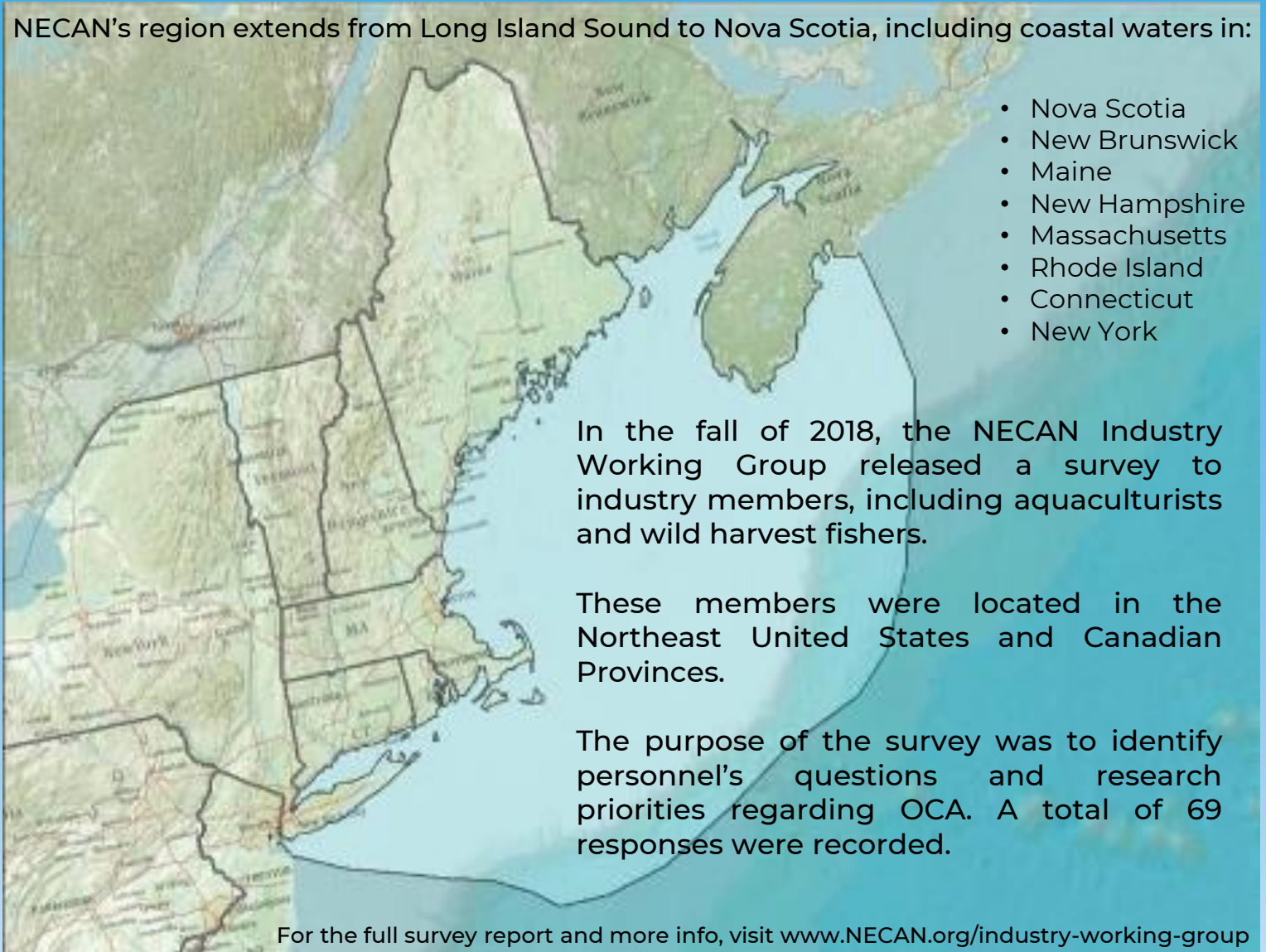


The **Northeast Coastal Acidification Network (NECAN)** represents a network of US and Canadian government agencies, industry members, and the scientific community dedicated to coordinating and guiding regional observing, research, and modeling efforts focused on ocean and coastal acidification (OCA).

**NECAN's Mission** is to provide scientific information to decision makers and stakeholders about OCA and its potential environmental and socio-economic impacts to the northeast region.

NECAN's region extends from Long Island Sound to Nova Scotia, including coastal waters in:



In the fall of 2018, the NECAN Industry Working Group released a survey to industry members, including aquaculturists and wild harvest fishers.

These members were located in the Northeast United States and Canadian Provinces.

The purpose of the survey was to identify personnel's questions and research priorities regarding OCA. A total of 69 responses were recorded.

For the full survey report and more info, visit [www.NECAN.org/industry-working-group](http://www.NECAN.org/industry-working-group)

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## SUMMARY OF RESPONSES FROM FISHERS AND AQUACULTURISTS REGARDING OCEAN AND COASTAL ACIDIFICATION

### The majority of responses indicates:

- A general understanding of CO<sub>2</sub> and freshwater drivers of Ocean and Coastal Acidification (OCA)
- Very little evidence of direct impacts of OCA on operations of wild harvesters and aquaculturists, with the exception of shellfish hatcheries.
- Harvesting mostly occurs:
  - In all seasons of the year, peaking in fall
  - From mostly nearshore waters (less than 1 mile from shore)
  - From the bottom of the water column
- Some industries still rely significantly on wild spat vs. hatchery produced seed

### Field operators reported that the following are the biggest immediate environmental threats to their operations (outweighing OCA):

- Increased storms
- Harmful Algal Blooms (HABs)
- Poor water quality (for a variety of reasons)
- Warming waters

### According to these responses, future efforts should be focused on:

- Prioritizing funding for nearshore monitoring and modeling closer to harvest areas
- Increasing benthic monitoring and instrumentation and biogeochemical models including a depth component
- Year-round monitoring and modeling (not just seasonal)
- Access to more information on:
  - Influence of temperature and other factors regarding OCA
  - Information regarding the direct impacts of OCA to species being harvested under current field conditions

