

The Boston Blobe

"At the Edge of a Warming World"

Reading Guide for Part III: Fishing and Access to Food for Fish



Barnstable, MA, 06/18/2019 - Casaundra Healy, of Wareham (cq) (R) pulls back a netting as she discovers an area of winter kill in the clam bed where she and Charles Carvalho, of Medford were trying to harvest seedlings at A.R.C. Farms in Barnstable. (Jessica Rinaldi/Globe Staff)

A. Review the following key vocabulary words for this section of the article:

algae blooms, commercial fishing, ecosystem, food chain, hatchery, ocean currents, species

B. As you read, use details from the text to respond to the following questions:

- 1. What is the impact of warming oceans on wildlife in the Cape?
- 2. What is the connection between rising temperatures in the Arctic and rising ocean temperatures in Cape Cod?
- 3. What animals have started to appear in the Cape as a result of rising ocean temperatures?
- 4. Why is the population of cod fish decreasing in the Cape?
- 5. How is the decreased population of cod affecting the lives of people who live in Cape Cod?
- 6. How are people who fish for a living in Cape Cod changing their work in response to a reduced population of cod?
- 7. What methods are scientists using to increase the population of oysters in the Cape?
- 8. How is oyster farming affected by rising temperatures in Cape Cod?

C. Write a 2-3 sentence summary of the section using key details.

These materials were created to support "At the Edge of a Warming World, published in *The Boston Globe* on Thursday, September 26, 2019. Find this and more educational resources at **www.pulitzercenter.org/changingcape**