

Name:

Critical-Thinking Questions:

Answer the following questions using information from the [article](#) and video:

1. Based on the article, explain the role of sea ice in the Bering Sea ecosystem and its importance for marine life. How does its absence impact the food chain?
2. What are some of the consequences of the increasing temperatures in the Bering Sea, as mentioned in the article?
3. Describe the shifts in fish populations in the northern Bering Sea and their potential long-term effects on the ecosystem.
4. How do changes in the environment, particularly the decline in sea ice, impact the livelihoods and cultural practices of the Yupik people in Savoonga?
5. Discuss the challenges faced by crab fishermen in the northern Bering Sea due to the loss of ice. How does this affect their traditional practices and economic activities?

This document was created by Wendi Pillars of Jordan-Matthews High School as part of the 2023-2024 UNC World View Global Fellows Program. For more information about the program, please visit <http://worldview.unc.edu/>.

Critical-Thinking Questions: (choose two)

1. Explain the role of winter ice in the Bering Sea ecosystem and its impact on the food chain.
2. What are the consequences of the decline in winter ice for fish populations, as mentioned in the article?
3. How does the warming climate contribute to the spread of toxic algae blooms, and what potential impacts do these blooms have on marine life?
4. Discuss the challenges faced by crab fishermen in the northern Bering Sea due to the loss of ice.