

NEWS BREAK

Sunday's News Break selects an article from **Sunday, September 27, 2015** of The Seattle Times e-Edition for an in-depth reading of the news. Read the selected story and answer the attached study questions.

Seafood 101: Seafood and Our Changing Ocean (The Pacific Northwest Fishing Industry, NOAA and NIE special section, **page J8**)

Pre-Reading and Vocabulary

1. Look at the title of this special section. As a class or in small groups discuss how you think the ocean might be changing and how these changes could affect seafood. Why is seafood important to the U.S.?

2. **Vocabulary: Match the words to the numbered definitions below.**

- A. assess
- B. bycatch
- C. diversity
- D. ecosystem
- E. feasible
- F. habitat
- G. harvest
- H. impact
- I. market
- J. modify
- K. mortality
- L. quotas
- M. resilience
- N. sustainable
- O. viable

- 1. the place or type of place where a plant or animal naturally or normally lives or grows
- 2. the quality or state of having many different forms, types, ideas, etc.
- 3. the ability to become strong, healthy, or successful again after something bad happens
- 4. a powerful or major influence or effect
- 5. fish or marine species that are caught unintentionally in the process of catching certain target sizes or species
- 6. to change some parts of (something) while not changing other parts
- 7. an official limit on the number or amount of people or things that are allowed
- 8. possible to do
- 9. involving methods that do not completely use up or destroy natural resources; able to be used without being completely used up or destroyed
- 10. capable of succeeding
- 11. the amount of need and desire that people have for a product or service
- 12. to make a judgment about (something)
- 13. the number of deaths that occur in a particular time or place
- 14. to gather (a crop)
- 15. everything that exists in a particular environment

Comprehension

1. Bycatch only includes fish species – **true or false?**
2. Which of the following ways to reduce bycatch may not be feasible because we need seafood to eat? **(Multiple Choice)**
 - a) **Avoid areas where bycatch may be found**
 - b) **Don't fish**
 - c) **Modify Fishing Gear**
 - d) **None of the Above**
3. Some flatfish vessels install “excluders” in their nets, which take advantage of what, in order to mechanically remove halibut from the rest of the catch?
4. The Bering Sea shelf supports the largest flatfish fishery in the world – **true or false?**
5. If a commercial fisherman is fishing for cod but unintentionally ends up catching some halibut in the process, what would the halibut be?
6. To help halibut survive, the Alaska Seafood Cooperative is experimenting with a method of removing them from the catch as soon as possible from a vessel's deck. Scientific personnel then count halibut removed from the catch, measure them and assess what?
7. The use of _____ is a fishery management tool that regulators have used to make the fishing industry safer, more stable and economically _____ than ever before.
(Fill in the blanks)
8. Both Alaskan and Federal laws require _____ management of the fish stocks. **(Fill in the blank)**
9. More than how many jobs has the fishing and seafood activity at Fisherman's Terminal and Terminal 91 generated?
10. According to the article, the Puget Sound fishing industry accounts for about _____ of the U.S. commercial fish catch every year. **(Multiple Choice)**
 - a) 40 percent
 - b) 50 percent
 - c) 60 percent

Additional Activities

1. Have students go to www.FishWatch.gov and choose a fish they want to know more about from the fish finder on the left-hand side of the web page. Then have students research about the fish they chose and write 2 – 3 paragraphs about the fish including the habitat and biology of the fish.
2. Visit your local grocery store or fish market and write down five types of different fish or shellfish you see. Then find out where each type of seafood comes from by looking on the packaging or asking the seafood clerk or department manager. Where was most of the seafood from? Was all of the seafood from the U.S. or was some of it imported from other countries?

News Break is posted to the Web on Wednesday and Friday. Please share this NIE News Break program with other teachers. To sign-up for the electronic edition for your class, please register on-line or call 206/652-6290 or toll-free 1-888/775-2655.

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