



TRAILS EASTERN SHORE CAREER PROFILE

The fishing industry is one of the major industries along the Eastern Shore of Maryland and Virginia. Each year, over five-hundred million pounds of seafood are harvested¹. Aquaculture and commercial fisheries from the Lower Eastern Shore alone contribute over \$120 million to the economy in Maryland². However, the future of the business depends on ensuring that it is done in a sustainable manner. Overfishing and pollution of the Chesapeake Bay have depleted populations of many species important to the economy including oysters and blue crabs.

Problem: You are part of a committee proposing to the state to support building a new fishing or aquaculture facility in your area to help promote economic growth. However, many people are worried that the fishing industry won't create many good careers and will only hurt the environment. Your group must present an argument on why the state should take up your plan.

Your Job: Create a presentation to show how the fishing and aquaculture industries will bring a diversity of careers and jobs that will help the community thrive. The industry can be for fish, crabs, oysters, or any other aquatic food. The presentation can be a video or oral presentation with a slideshow or poster presentation.

+ Guidelines:

- > Describe at least THREE different careers
- > Use photos, text, and any other media
- > Each job description must address:
 - What you need to study in school
 - How much school you need to attain the profession
 - What the main role of the position is
 - Why the job is important to the industry
 - How the job helps the community

¹ Chesapeake Bay Foundation cbf.org/issues/fisheries/

² LESMD <https://lesmd.net/agriculture/aquaculture-commercial-fishing>



+ Careers in the Fishing and Aquaculture Industry:

Aquaculture Engineer	Data Scientist
Water Treatment Technician	Marketing Manager
Food Safety Inspector	Hatchery Manager
Conservation Officer (Game Warden)	Fishery Observer
Veterinarian	Restoration Specialist
Environmental Compliance Officer	Environmental Engineer
Fish Farm Technician	Husbandry Technician
Fisheries Biologist	Hydrologist
Chemist	Accountant

+ Aquaculture and Fishery Resources:

- > Lower Eastern Shore Council: <https://lesmd.net/agriculture/aquaculture-commercial-fishing>
- > Aquaculture (NOAA): <https://www.fisheries.noaa.gov/insight/understanding-marine-aquaculture>
- > Aquaculture (USDA): <https://www.usda.gov/topics/farming/aquaculture>

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