Farmed





# Beaver Street Fisheries, Inc.

Beaver Street Fisheries is a leading importer, manufacturer and distributor of quality frozen seafood products from the USA and around the world. With headquarters in Jacksonville, Florida, a vertically integrated supply chain, and the advantage of both on-site and off-shore processing capabilities, Beaver Street Fisheries offers a wide variety of products, competitive pricing, and can satisfy the diverse needs of wholesale, retail, institutional and foodservice operators.

The success and reputation that Beaver Street Fisheries enjoys is attributed to its dedication to undeniable quality, efficient, and attentive service and the disciplined exercise of a single principle, "Treat the customer as you would a friend and all else will follow."

2019

Number of Wild Caught Species Used	Number of Certified Fisheries	Number of Fisheries in a FIP	Number of Farmed Species Used			
21	16	11	3			
Production Methods Used						
<ul><li>Bottom trawl</li><li>Dredge</li></ul>	• Purse seine	urse seine  • Longlines  • Handlines and pole-lines				

# **Summary**

For over seventy year, Beaver Street Fisheries has always been a leader in the seafood industry, and we understand that we have a global responsibility to support and sustain the earth and its ecosystems. As part of our commitment to sustainability and responsible sourcing, we work closely with our supply chain partners to embrace strategies to support the ever-growing need for responsible seafood from around the world. We do this by working with standard-setting organizations for wild caught and aquaculture seafood. Additionally, we have partnered with Sustainable Fisheries Partnership (SFP) to help us develop and implement fishery improvement projects for both wild and farmed raised species. The improvement projects are designed to bring common stakeholders together to establish goals and collaboratively improve the environmental and social quality of the seafood production in a particular area using best practices.

This disclosure contains a list of fresh and frozen, wild-caught and aquaculture seafood sourced and sold in 2018.

To learn more about Beaver Street Fisheries, Inc., the responsible organizations we support, and our current initiatives, please refer to the web addresses below:



http://www.beaverstreetfisheries.com/partnerships.php



http://www.beaverstreetfisheries.com/current-initiatives.php

# **Associated Fisheries**

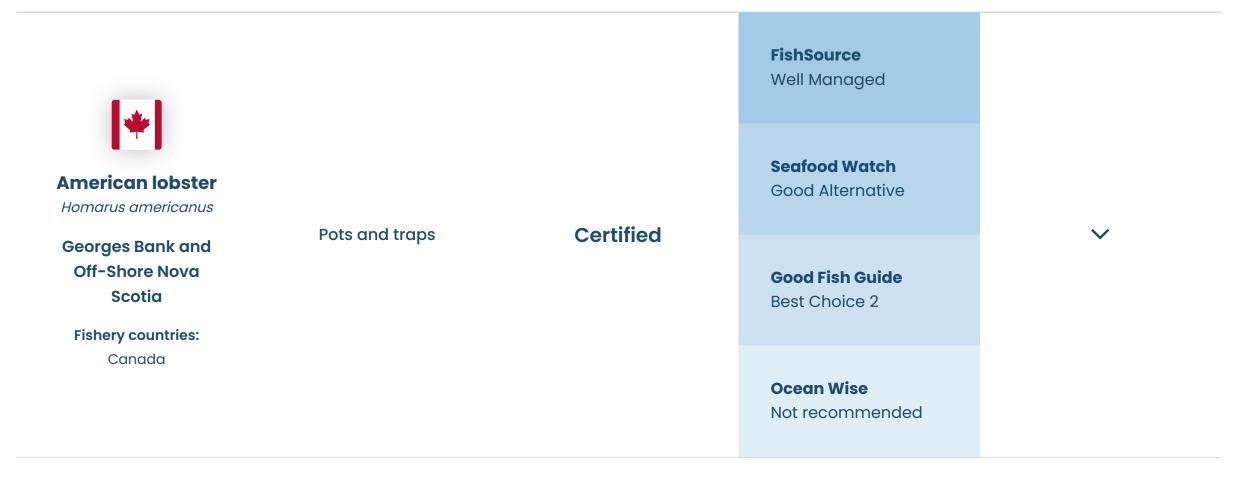


Species and Location	Production Methods	Certification or Improvement Project	Sustainability Ratings	Notes
	Bottom trawl	Certified	<b>FishSource</b> Well Managed	
Alaska plaice  Pleuronectes quadrituberculatus  Bering Sea and Aleutian Islands			Seafood Watch Eco-Certification Recommended	
Fishery countries: U.S.			Ocean Wise Recommended	

• Profile not yet complete.

#### **General Notes**

• No additional notes.



#### **Environmental Notes**

- Direct effects of the fishery on PET species are thought likely to be low. While entanglement in lobster gear presents a risk to marine mammals, especially North Atlantic right whales, no entanglements of right whales were reported in the MSC public certification report.
- Measures are in place to prevent fishing from hindering the recovery and rebuilding of the main bycatch species.
- This fishery is unlikely to have a significant impact on the sea bed.

### **General Notes**

#### **References**

Intertek, 2015, MSC Public Certification Report for Eastern Canada Offshore Lobster Fishery



#### **Environmental Notes**

• Profile not yet complete.

## **General Notes**

• No additional notes.



# American sea scallop

Placopecten magellanicus

US Atlantic - Mid-Atlantic Bight

**Fishery countries:** 

U.S.

Ocean Wise Recommended

**NOAA FSSI** 

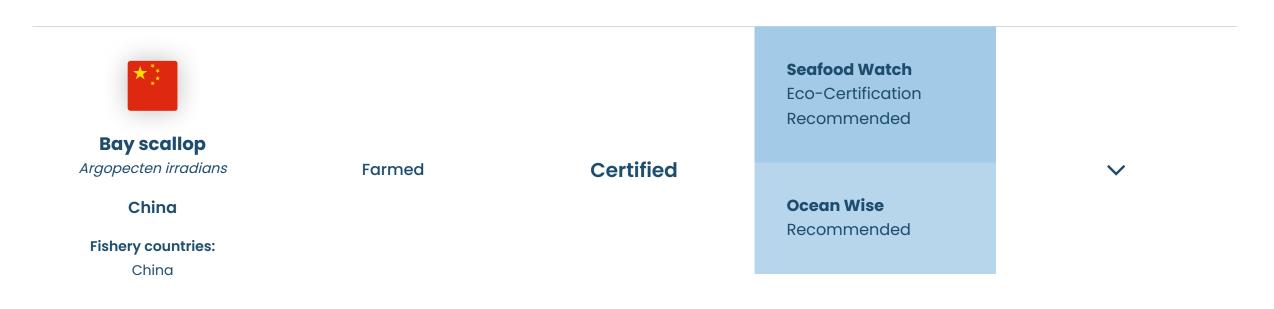
4

#### **Environmental Notes**

- There are risks to sea turtles with this fishery, but there are mitigation measures in place.
- Bycatch is a risk in this fishery.
- Dredges will directly impact on the sea bed.

## **General Notes**

• No additional notes.



#### **Environmental Notes**

- Farmed scallops are not provided external feed.
- The risk of escape is considered to be low. Relatively few diseases have been reported in scallops. The majority of the source of stock for farmed scallops comes from natural or passive settlement. Due to the lack of data on source stocks, the percentage of production from hatchery-raised broodstock or natural (passive) settlement is difficult to quantify; however, the removal of wild scallops for broodstock is not expected to have any negative impacts on the wild stock.
- Little to no chemicals are used in the culture of scallops. Improved husbandry and cleaning methods rather than use of antibiotics are employed to prevent bacterial infections. No chemicals are used during the grow-out phase of scallop culture. Cleaning solutions (i.e., bleach) used during the hatchery phase are not discharged to the marine environment.

#### **General Notes**

## References

<u>Seafood Watch, Worldwide Farmed Scallops Report</u>



• Profile not yet complete.

#### **General Notes**

• No additional notes



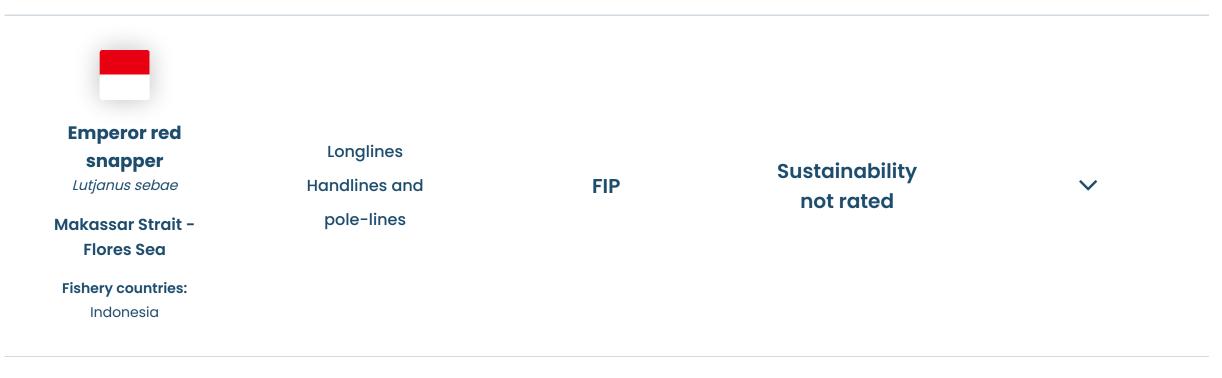
# **Environmental Notes**

• Profile not yet complete.

#### **General Notes**

#### References

<u>Fishery Progress, Indonesia deepwater groundfish - dropline, longline, trap and gillnet</u>



## **Environmental Notes**

• Profile not yet complete.

## **General Notes**

## References

<u>Fishery Progress, Indonesia deepwater groundfish - dropline, longline, trap and gillnet</u>



• Profile not yet complete.

#### **General Notes**

• No additional notes.



## **Gold-spot octopus**

Amphioctopus fangsiao

**East and South China** Seas

**Fishery countries:** 

China

**Bottom trawl** 

Not certified or in a FIP

Sustainability not rated

## **Environmental Notes**

• Profile not yet complete.

#### **General Notes**

• Sam's Club discontinued this item after Q1 2019.



# **Japanese** threadfin bream

Nemipterus japonicus

**Western Indian** Ocean

**Fishery countries:** India

**Bottom trawl** 

**FIP** 

Sustainability not rated



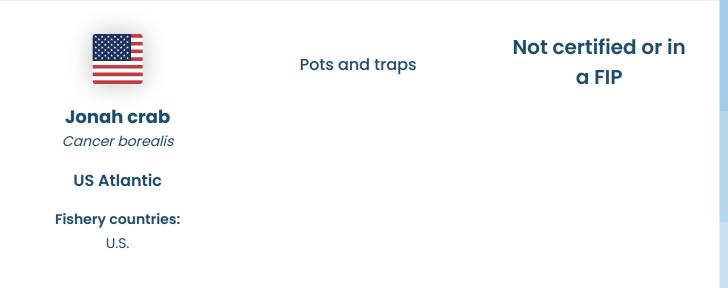
## **Environmental Notes**

- There are risks to marine mammals with this fishery.
- Bycatch is a risk for this fishery.
- Bottom trawls will directly impact on the sea bed. Measures to protect vulnerable habitats such as cold water coral reefs are in place.

## **General Notes**

#### References

<u>Fishery Progress, India threadfin bream - trawl</u>





• Profile not yet complete.

#### **General Notes**

• This fishery was in the <u>Jonah Crab FIP</u> from 2014-2017.

#### References

Gulf of Maine Research Institute, Jonah Crab Fishery Improvement Project



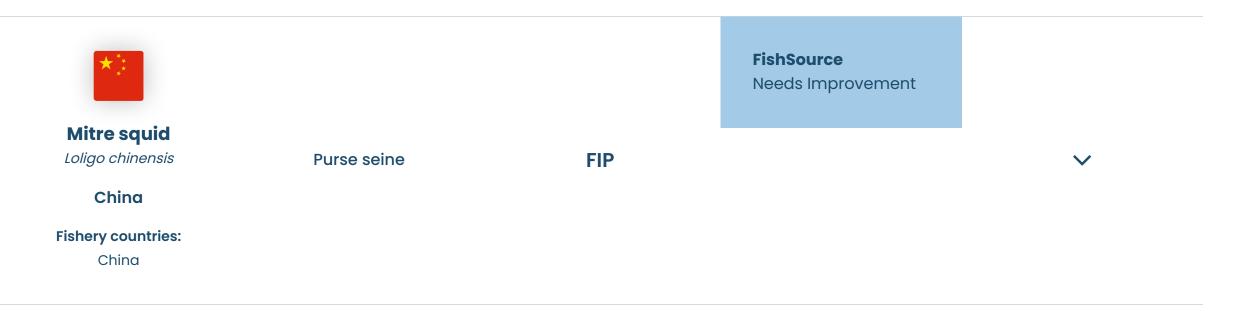
#### **Environmental Notes**

• Profile not yet complete.

#### **General Notes**

#### References

<u>Fishery Progress, Indonesia deepwater groundfish - dropline, longline, trap and gillnet</u>



## **Environmental Notes**

- There are risks to PET species with this fishery, but there is insufficient data available to assess significance.
- There is a lack of information on bycatch in this fishery.
- This fishery is unlikely to have a significant impact on the sea bed.

#### **General Notes**

#### References

<u>Fishery Progress, Shantou-Taiwan Chinese common squid - jigging/single trawl</u>



Mytilus spp.

**Chinese waters** 

**Fishery countries:** 

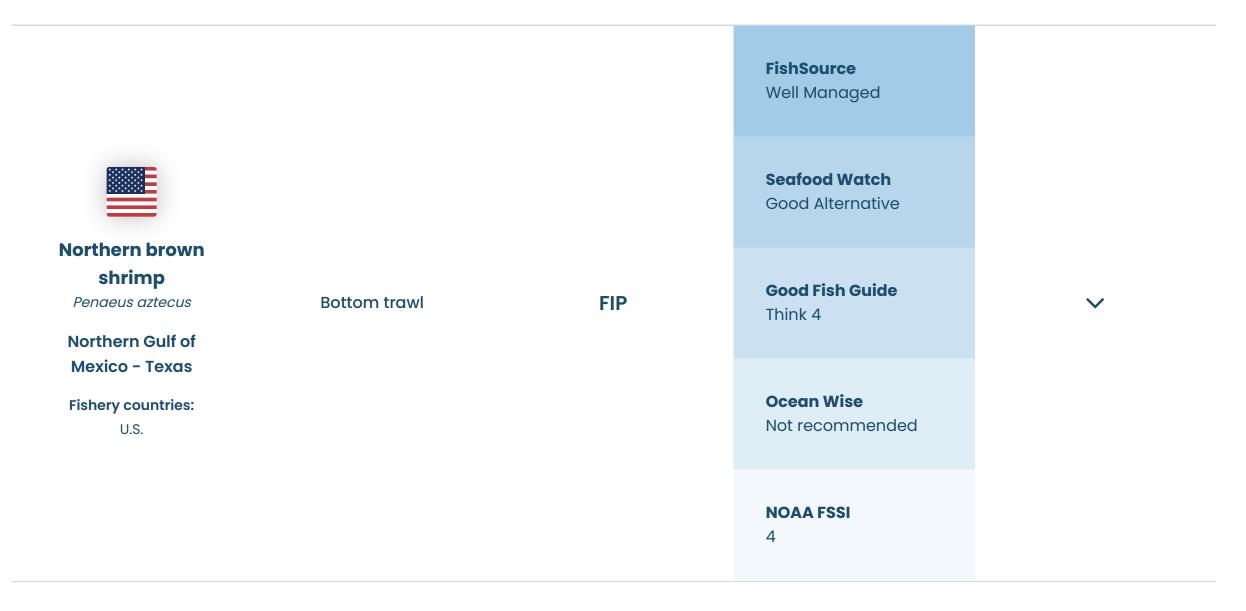
China

#### **Environmental Notes**

• Profile not yet complete.

### **General Notes**

• No additional notes.



# **Environmental Notes**

- There is potential for turtle interactions with this fishery, but excluder devices are fitted to nets for protection.
- Bycatch is a risk for this fishery, but there are mitigation measures in place.
- Bottom trawls will directly impact on the sea bed.

#### **General Notes**

#### **References**

<u>Fishery Progress, US Texas shrimp - otter trawl</u>



## **Environmental Notes**

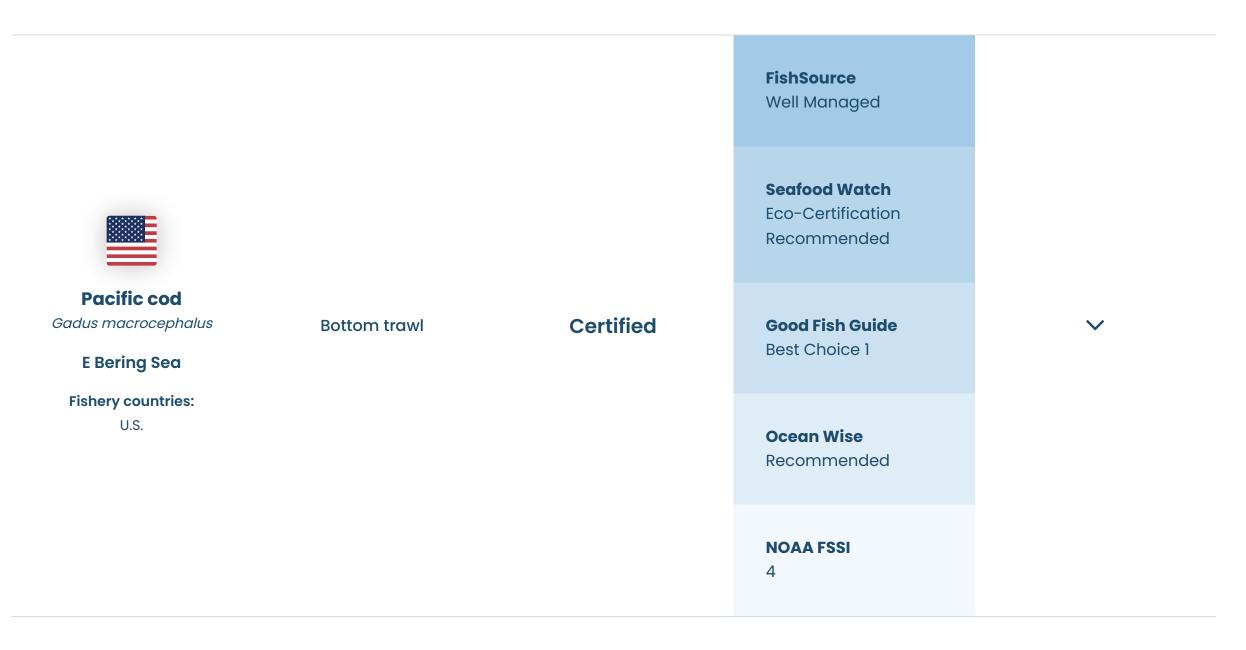
• There is potential for turtle interactions with this fishery, but excluder devices are fitted to nets for protection.

- Bycatch is a significant risk for this fishery.
- This fishery is unlikely to have a significant impact on the sea bed.

#### **General Notes**

## References

<u>Fishery Progress, Louisiana shrimp - otter/skimmer trawl FIP</u>



## **Environmental Notes**

- There are risks to seabirds and marine mammals with this fishery, but there are mitigation measures in place.
- Bycatch is a risk for this fishery, but there is insufficient data available to assess significance.
- Bottom trawls will directly impact on the sea bed. However, management measures are in place.

## **General Notes**

No additional notes.



## **Environmental Notes**

- Profile not yet complete.
- Bycatch is a risk for this fishery.
- Bottom trawls will directly impact on the sea bed.

## **General Notes**

• Sam's Club discontinued this item after Q1 2019.



Indonesia

Fishery countries: Indonesia

Gillnets and
entangling nets
Hook and line
Longlines
Pots and traps

Sustainability not rated

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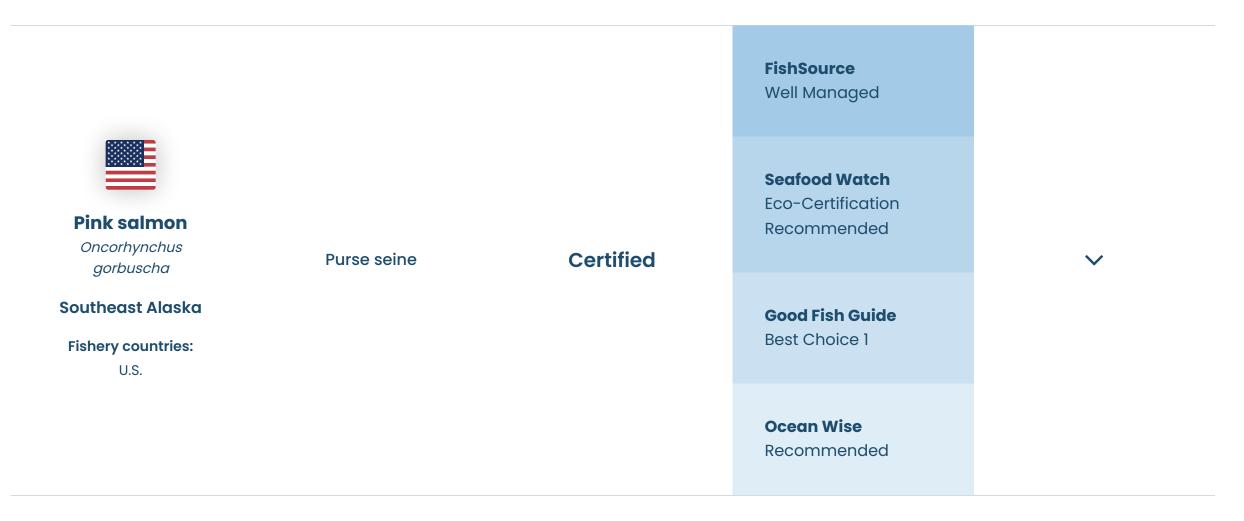
## **Environmental Notes**

• Profile not yet complete.

#### **General Notes**

#### **References**

<u>Fishery Progress, Indonesia deepwater groundfish - dropline, longline, trap and gillnet</u>



**FIP** 

# **Environmental Notes**

- While encounters with marine mammals and birds have been documented in the Alaskan fishery, the impact on PET species is not thought to be significant.
- There is no risk of bycatch for this fishery. Catches of other salmon species are accounted for in the pink salmon management.
- This fishery is unlikely to have a significant impact on the benthic habitat.

## **General Notes**

## References

Intertek Moody Marine, 2013, MSC Public Certification Report for Alaska Salmon Fishery



- This fishery is unlikely to impact PET species.
- Bycatch for this fishery is considered low.
- This fishery is unlikely to have a significant impact on the sea bed.

#### **General Notes**

• No additional notes



Red swamp crawfish

Procambarus clarkii

Pots and traps

Not certified or in a FIP

Sustainability not rated



**Guadalquivir delta** 

Fishery countries:

Spain

#### **Environmental Notes**

- There is a lack of information on interactions with PET species in this fishery. The only known significant impact with this fishery is the effect of the introduced crawfish species on the indigenous crawfish species.
- Bycatch for this fishery is considered low.
- This is a freshwater fishery close to rice fields, so the habitat impact is very limited.

#### **General Notes**

No additional notes.



## **Environmental Notes**

- This fishery is unlikely to impact PET species.
- Bycatch is a risk for this fishery, but there are mitigation measures in place.

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• Bottom trawls will directly impact on the sea bed.

## **General Notes**

No additional notes.



Certified

**Seafood Watch**Eco-Certification
Recommended



China

**Fishery countries:** 

China

#### **Environmental Notes**

- Tilapia require relatively low inputs of fishmeal and fishoil from marine feed sources in their diet. However, there are significant concerns about the sustainability of feed inputs from domestic sources, which are produced from fisheries that are fully exploited overexploited, or depleted.
- There is little infomation available regarding impacts of Chinese tilapia production on wild species, includings impacts from escapes, disease outbreaks, and interactions with predators and other wildlife. Nile tilapia are considered highly invasive and there are documented examples of tilapia populations outcompeting local fish species for resources in Chinese waterways. Despite this, there is no information on tilapia escapes at a farm level. In addition, there is little information about on-farm diseases in Chinese tilapia production and disease outbreaks pose a risk to wild fish populations. There is no information regarding interactions with wildlife which may include migrating birds.
- Pollution from nutrients and organic matter, as well as chemical inputs, may affect local water quality. There is limited information regarding on-farm chemical use and the impact of effluent released by tilapia pond‐ based farms in China. But there is evidence of the use of illegal chemicals and of antibiotics important to human health in Chinese tilapia production.

#### **General Notes**

Area-based approaches to aquaculture are included in the national and provincial legislation, but it is unclear whether zonal approaches to siting and production are used.

The environmental impacts described are addressed to some degree by certification.

#### **References:**

FishSource - Tilapia, China

<u>Seafood Watch, Global Aquaculture Alliance BAP Benchmarking Report (2-, 3-, 4-star Tilapia Farms BAP Standards)</u>

Seafood Watch report for farmed tilapia, China



## **Environmental Notes**

• This fishery is unlikely to impact PET species, but available data is still limited.

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- Bycatch for this fishery is considered low.
- This fishery is unlikely to have a significant impact on the sea bed.

#### **General Notes**

• No additional notes.



Certified

**Seafood Watch**Eco-Certification
Recommended



India

**Fishery countries:** 

India

**Good Fish Guide**Think 3

#### **Environmental Notes**

- Fishmeal and fish oil from marine feed sources are used. At least 50% of the feed used in certified production is required to be responsibly or sustainably sourced.
- Disease transfer between farmed and wild prawns is a concern but infrequent water exchange on whiteleg shrimp farms moderates the risk. Whiteleg shrimp are not native to India and there is potential for ecological impacts from escapes.
- Pollution from nutrients and organic matter, as well as chemical inputs, may affect local water quality. Waste discharge from whiteleg shrimp ponds is typically limited to once per production cycle.

#### **General Notes**

The environmental impacts described are addressed to some degree by certification.

The aquaculture industry is currently managed under a farm-based approach.

#### **References:**

Seafood Watch report for farmed shrimp, India

FishSource - Shrimp, India

Good Fish Guide - Prawn, King (whiteleg), prawns, Global, GAA BAP certification (4\*)



# **Environmental Notes**

- Fishmeal and fish oil from marine feed sources are used. The feed inputs used are generally not traceable to species level and are not certified sustainable.
- Disease transfer between farmed and wild prawns is a concern but infrequent water exchange on whiteleg shrimp farms moderates the risk. Whiteleg shrimp are not native to India and there is potential for ecological impacts from escapes.
- Pollution from nutrients and organic matter, as well as chemical inputs, may affect local water quality. Waste discharge from whiteleg shrimp ponds is typically limited to once per production cycle.

# **General Notes**

The aquaculture industry is currently managed under a farm-based approach.

## References:

Seafood Watch report for farmed shrimp, India

FishSource - Shrimp, India

<u>Good Fish Guide - Prawn, King (whiteleg), prawns</u>



Indonesia

**Fishery countries:** 

Indonesia

**Good Fish Guide**Think 3

#### **Environmental Notes**

- Fishmeal and fish oil from marine feed sources are used. Certification criteria encourage the use of responsibly sourced marine products in feed.
- Disease transfer between farmed and wild prawns is a concern. Whiteleg shrimp are not native to Indonesia and there is potential for ecological impacts from escapes.
- Pollution from nutrients and organic matter, as well as chemical inputs, may affect local water quality and cumulative impacts across a region may occur.

#### **General Notes**

The environmental impacts described are addressed to some degree by certification.

Legislation on zonal planning that is relevant to aquaculture does exist. A zonal approach to aquaculture is being introduced via an Aquaculture Improvement Project (AIP) in Muncar, Banyuwangi district, East Java.

#### **References:**

<u>Good Fish Guide - Prawn, King (whiteleg), prawns, Global, ASC</u>

Good Fish Guide - Prawn, King (whiteleg), prawns, Global, GAA BAP certification (4\*)

Seafood Watch Recommended Eco-Certifications for Whiteleg shrimp, Farmed



## **Environmental Notes**

- Fishmeal and fish oil from marine feed sources are used. At least 50% of the feed used in certified production is required to be responsibly or sustainably sourced.
- Disease transfer between farmed and wild prawns is a concern but infrequent water exchange on whiteleg shrimp farms moderates the risk. Whiteleg shrimp are not native to Thailand and there is potential for ecological impacts from escapes.
- Pollution from nutrients and organic matter, as well as chemical inputs, may affect local water quality. Impacts on water quality vary depending on the frequency of waste discharge from ponds.

## **General Notes**

The environmental impacts described are addressed to some degree by certification.

Public information on zonal approaches to planning and production of shrimp farming in Thailand is limited.

#### References:

Good Fish Guide - Prawn, King (whiteleg), prawns, Global, GAA BAP 4\*

Seafood Watch Recommended Eco-Certifications for Whiteleg shrimp, Farmed

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<u>FishSource - Shrimp, Thailand</u>



Vietnam

#### **Environmental Notes**

- Fishmeal and fishoil from marine feed sources are used. At least 50% of the feed used in certified production is required to be responsibly or sustainably sourced.
- Disease transfer between farmed and wild prawns is a concern but infrequent water exchange on whiteleg shrimp farms moderates this risk. Whiteleg shrimp are not native to Vietnam and there is potential for ecological impacts from escapes.
- Pollution from nutrients and organic matter, as well as chemical inputs, may affect local water quality. Waste discharge from whiteleg shrimp ponds is typically limited to once per production cycle, moderating the impact of effluents on water quality. There is a lack of data on the quantity of chemical inputs, but evidence suggests that illegal antibiotics are sometimes used on Vietnamese shrimp farms. Environmental issues are mitigated by the certification standards.

#### **General Notes**

Certification addresses most areas of environmental concern.

The aquaculture industry is currently managed under a farm-based approach

#### **References:**

<u>Good Fish Guide - Prawn, King (whiteleg), prawns</u>

Seafood Watch Recommended Eco-Certifications for Whiteleg shrimp, Farmed

FishSource - Shrimp, Vietnam



## **Environmental Notes**

- Fishmeal and fishoil from marine feed sources are used.
- Disease transfer between farmed and wild prawns is a concern but infrequent water exchange on whiteleg shrimp farms moderates this risk. Whiteleg shrimp are not native to Vietnam and there is potential for ecological impacts from escapes.
- Pollution from nutrients and organic matter, as well as chemical inputs, may affect local water quality. Waste discharge from whiteleg shrimp ponds is typically limited to once per production cycle, moderating the impact of effluents on water quality. There is a lack of data on the quantity of chemical inputs, but evidence suggests that illegal antibiotics are sometimes used on Vietnamese shrimp farms.
   Environmental issues are mitigated by the certification standards.

## **General Notes**

The aquaculture industry is currently managed under a farm-based approach.

**Bottom trawl** 

#### **References:**

<u>Good Fish Guide - Prawn, King (whiteleg), prawns</u>

<u>Seafood Watch, Vietnam Giant Tiger Prawn and Whiteleg Shrimp Report</u>

<u>FishSource - Shrimp, Vietnam</u>





Yellowfin sole
Limanda aspera

Seafood Watch
Bering Sea and
Aleutian Islands

Fishery countries:
U.S.

Ocean Wise
Recommended

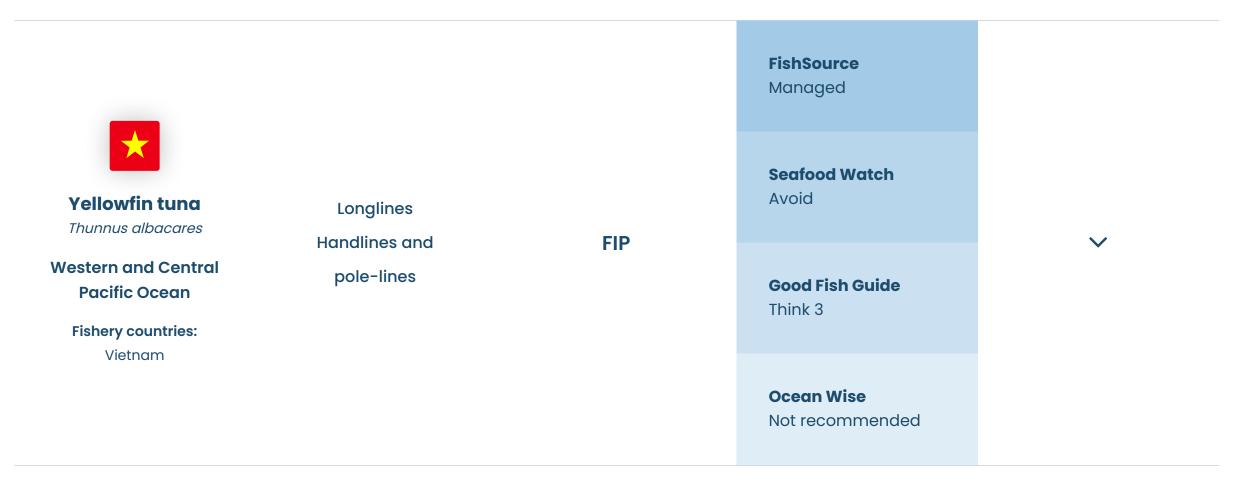
## **Environmental Notes**

- This fishery is unlikely to impact PET species.
- Bycatch for this fishery is considered low.
- Bottom trawls will directly impact on the sea bed.

## **General Notes**

#### References

MRAG Americas, 2015, MSC Public Certification Report for Bering Sea-Aleutian Islands Alaska Flatfish Fishery



# **Environmental Notes**

- There are risks to seabirds, sea turtles and marine mammals with this fishery, but there are mitigation measures in place.
- Bycatch is a risk for this fishery, but there is insufficient data available to assess significance.
- This fishery is unlikely to have a significant impact on the sea bed.

# **General Notes**

# References

<u>Fishery Progress, Vietnam yellowfin tuna - longline/handline</u>



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