

Why Participate?

Publix.

Publix

Founded in 1930 in Winter Haven, Florida, Publix is now the largest employee-owned grocery chain in the United States. Publix is one of the 10 largest-volume supermarket chains in the country, with over 1,200 stores throughout the south from Virginia to Florida. Publix currently sells over 300 seafood products, including fresh, frozen and processed seafood, and also offers a special request service for fresh fish, with up to 80 species on offer.

Summary

In 2017, Publix was lauded for becoming the first US supermarket retailer to participate in the Ocean Disclosure Project. Publix has been a partner with Sustainable Fisheries Partnership (SFP) since 2009 and was an early adopter of the fishery improvement project (FIP) approach. Actively encouraging its suppliers to participate in FIPs where needed, Publix played an important role in bringing key stakeholders to the table to get the Gulf of Mexico shrimp and snapper/grouper FIPs started, and more recently encouraged the launch of a <u>FIP in snow crab in Canada</u>. Publix regularly convenes all of their seafood suppliers to talk about sustainability and works with the National Fisheries Institute (NFI), and the Food Marketing Institute (FMI) to drive change in the industry.

The profile below covers Publix-branded wild-caught fresh and frozen products sourced in 2019 only.

- https://sustainability.publix.com/
- https://ww4.publix.com/products-services/seafood/sustainable-seafood

Associated Fisheries





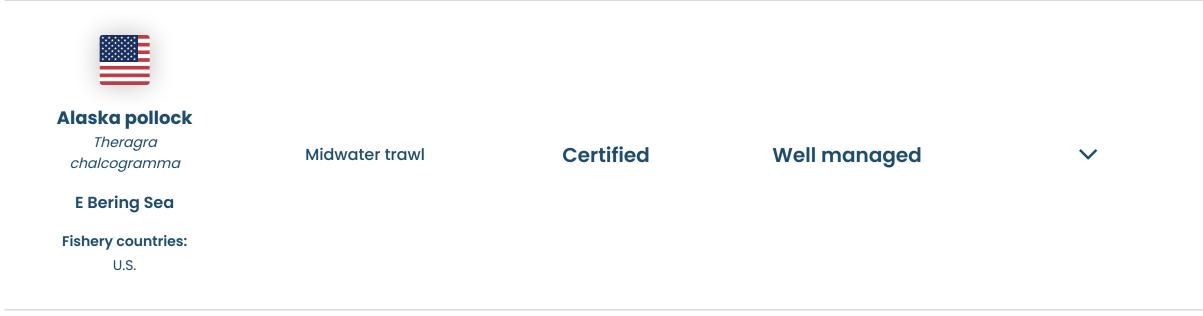
Species and Location	Production Methods	Certification or Improvement Project	Sustainability Ratings	Notes
Acadian redfish			FishSource Managed	
Sebastes fasciatus	Bottom trawl	FIP		\checkmark
Gulf of St. Lawrence & Laurentian Channel				
Fishery countries: Canada				

- This fishery is not believed to be an issue for PET species.
- Bycatch for this fishery is a risk.
- Bottom trawls will directly impact on the sea bed.

General Notes

• This fishery is part of the Canada redfish (Unit 1 & 2) - trawl FIP as of April 2018.

References

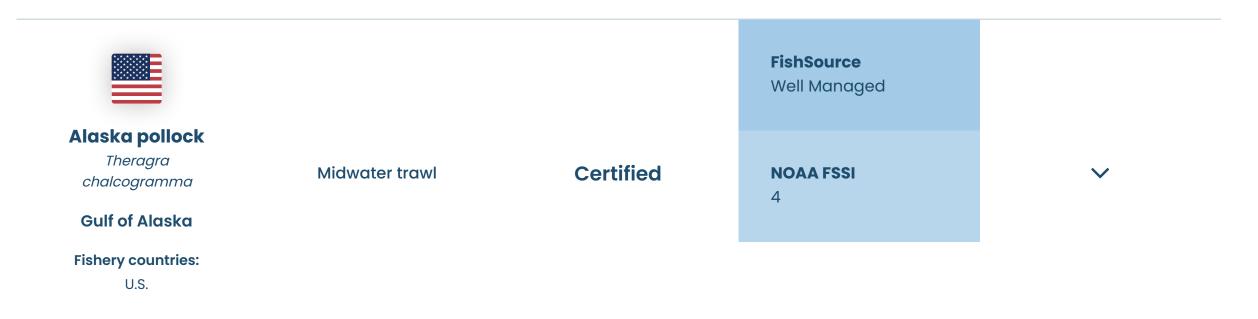


Environmental Notes

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

General Notes

• This fish plays an important role in the marine food web and so potential impacts on the wider marine ecosystem must be monitored.



Environmental Notes

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

General Notes

- This fish plays an important role in the marine food web and so potential impacts on the wider marine ecosystem must be monitored.
- <u>NOAA FSSI 4</u>: The fishery is not overfished and overfishing is not occurring and the stock biomass is at or above 80% of the biomass that produces maximum sustainable yield.



Environmental Notes

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

General Notes

• <u>NOAA FSSI 4</u>: The fishery is not overfished and overfishing is not occurring and the stock biomass is at or above 80% of the biomass that produces maximum sustainable yield.



Environmental Notes

• Profile not yet complete.

General Notes

• <u>NOAA FSSI 4</u>: The fishery is not overfished and overfishing is not occurring and the stock biomass is at or above 80% of the biomass that produces maximum sustainable yield.



Environmental Notes

• Profile not yet complete.

General Notes

• No additional notes.



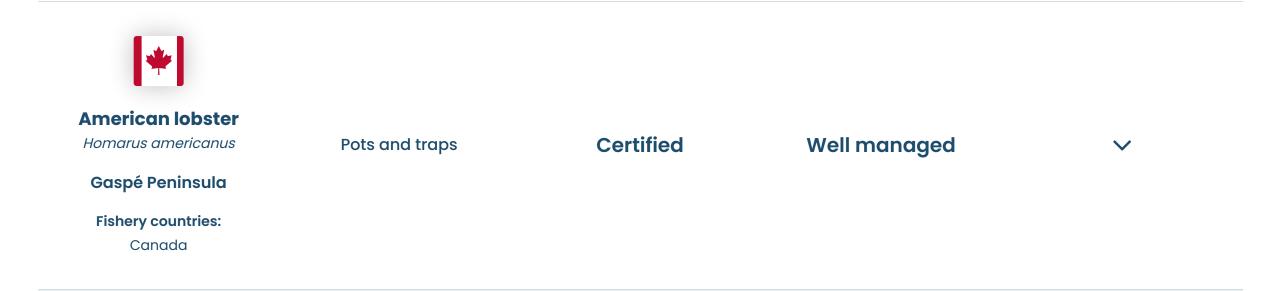
Environmental Notes

- This fishery is unlikely to impact protected, endangered and threatened (PET) species. The risk to marine mammals of entanglement in
- lobster gear is considered low.
- Bycatch in this fishery is considered low.
- This fishery is unlikely to have a significant impact on the sea bed.

General Notes

References

SAI Global, 2015, Bay of Fundy, Scotian Shelf and Southern Gulf of St Lawrence lobster (Homarus americanus) Trap Fisheries MSC Public Certification Report



Profile not yet complete

General Notes

No additional notes

*			FishSource Well Managed	
American lobster Homarus americanus				
Georges Bank and Off-Shore Nova Scotia	Pots and traps	Certified		\checkmark
Fishery countries: Canada				

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



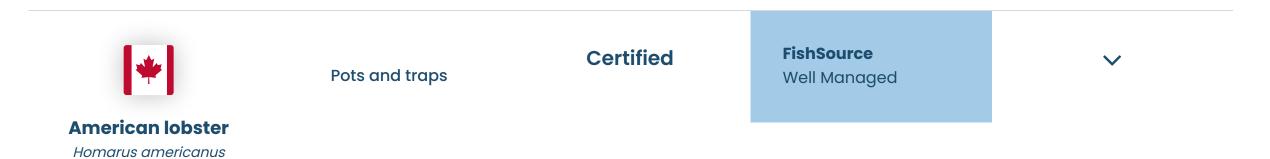
Fishery countries:

U.S.

Environmental Notes

- There are risks to marine mammals with this fishery, but there are mitigation measures in place.
- Bycatch of fin-fish, particularly cod, is a risk in this fishery, but there is insufficient data available to assess significance.
- While this fishery is unlikely to have a significant impact on the sea bed, an MSC condition is in place to better understand potential habitat impacts.

General Notes



Gulf of St. Lawrence South

Fishery countries: Canada

Environmental Notes

- This fishery is unlikely to impact PET species. The risk to marine mammals of entanglement in lobster gear is considered low.
- 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.



Environmental Notes

- There are potential risks to PET species with this fishery, but mitigation actions are underway.
- 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.



FishSource Well Managed

scallop Placopecten magellanicus	Dredge	Certified	\checkmark
Eastern Georges Bank			
Fishery countries: Canada			

Environmental Notes

- This fishery is unlikely to have significant impacts on PET species.
- Bycatch for this fishery is likely to be low. Furthermore, bycatch of commercial finfish is included in groundfish quotas.
- Dredges will directly impact on the sea bed.

General Notes



American sea	Dredge	Certified	FishSource Well Managed	~
scallop Placopecten magellanicus US Atlantic - Mid-			NOAA FSSI 4	
Atlantic Bight Fishery countries: U.S.				1

- 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

• <u>NOAA FSSI 4</u>: The fishery is not overfished and overfishing is not occurring and the stock biomass is at or above 80% of the biomass that produces maximum sustainable yield.

American shad		Not certified or in	Sustainability	
Alosa sapidissima	Hook and line	a FIP	not rated	\checkmark
Florida Atlantic		Grip	notrated	
Fishery countries:				
U.S.				

Environmental Notes

- There is a lack of information on bycatch in this fishery.
- Profile not yet complete.

General Notes

• No additional notes

*			FishSource Well Managed	
American yellow				
perch				
Perca flavescens	Pots and traps	Certified		\checkmark
Lake Erie Eastern				
Central Basin				
Fishery countries:				
Canada				

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

			FishSource Well Managed	
Arctic surfclam				
Mactromeris polynyma	Dredge	Certified	NOAA FSSI	\checkmark
NW Atlantic			4	
Fishery countries:				
Canada				

• Profile not yet complete.

General Notes

• No additional notes.

			FishSource Managed	
Argentine red				
shrimp				
Pleoticus muelleri	Bottom trawl	FIP		\sim
Patagonian:				
Argentina inshore				
Fishery countries:				
Argentina				

Environmental Notes

- There is a lack of public information on interactions with ETP for this fishery.
- There is limited information on bycatch in this fishery but bycatch of hake is a risk.
- Bottom trawls will directly impact on the sea bed.

General Notes

References

Fishery Progress, Argentina onshore red shrimp - bottom trawl FIP



Environmental Notes

- There are risks to protected, endangered and threatened (PET) species with this fishery, but a strategy is in place to manage and minimize impacts.
- Bycatch is a risk for this fishery, but there are management measures in place.

• Bottom trawls will directly impact on the sea bed.

General Notes

• No additional notes.

			FishSource Needs Improvement	
Atlantic cod Gadus morhua	Bottom trawl	Not certified or in a FIP	NOAA FSSI	\sim
Georges Bank		GTIF	1	
Fishery countries: U.S.				

Environmental Notes

- There are potential risks to PET species with this fishery, but mitigation actions are underway.
- There is significant bycatch with this fishery but non-target species are retained.
- Bottom trawls will directly impact on the sea bed.

General Notes

• NOAA FSSI 1: The fishery is overfished and overfishing is occurring.



Environmental Notes

- This fishery is unlikely to have direct impacts on PET species.
- There is bycatch for this fishery but non-target species are retained. Management measures are in place to reduce impacts on retained
- species.
- Bottom trawls will directly impact on the sea bed.

General Notes



• Profile not yet complete.

General Notes

• No additional notes



Environmental Notes

- Profile not yet complete.
- Bottom trawls will directly impact on the sea bed.

General Notes

• The life history characteristics of Atlantic halibut: long-lived and late maturity, increase its vulnerability to overfishing.



Environmental Notes

• Profile not yet complete.

General Notes

• The life history characteristics of Atlantic halibut: long-lived and late maturity, increase its vulnerability to overfishing.



• Profile not yet complete.

General Notes

• No additional notes



Environmental Notes

• Profile not yet complete.

General Notes

• No additional notes.



Environmental Notes

- Profile not yet complete.

General Notes

• No additional notes.



Environmental Notes

• No locally affected seabirds or marine mammals are classified as PET species.

- Bycatch of seabirds occurs in the longline fishery, but estimates suggest that bycatch rates are low. There is an MSC condition in place to provide electronic logbook reporting for seabird and marine bycatch.
- This fishery is unlikely to have a significant impact on the sea bed.

General Notes

- The life-history characteristics of Atlantic wolffish: long-lived and late maturity, increase its vulnerability to overfishing.
- The environmental notes for this fishery are based on a provisional assessment and are not derived from the FishSource profile.

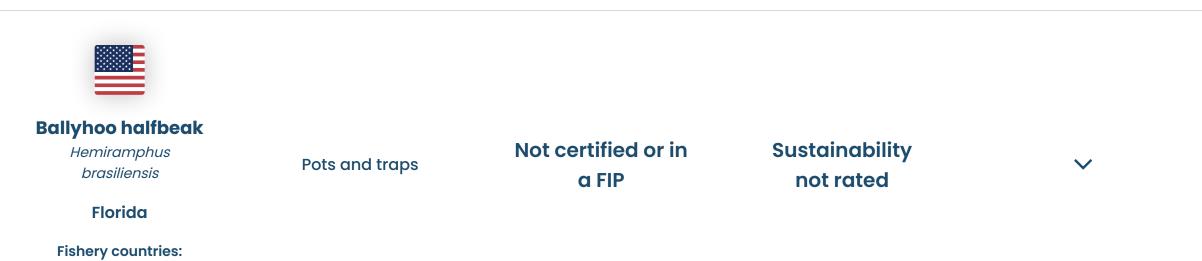
References

Vottunarstofan Tún ehf, July 2017, ISF Iceland Saithe and Ling Fishery: Public Certification Report - Expedited Assessment for Scope Extension: Atlantic wolffish and Plaice fisheries



General Notes

• No additional notes



Environmental Notes

• Profile not yet complete.

General Notes

	Longlines	Not certified or in a FIP	FishSource Well Managed	\checkmark
Black grouper Mycteroperca bonaci			NOAA FSSI	
Northern Gulf of Mexico and NW			4	

Atlantic southern -US Gulf of Mexico

Fishery countries: U.S.

Environmental Notes

- This fishery interacts with turtles, and measures are in place to manage and minimize impacts.
- Bycatch for this fishery is considered low.
- This fishery is unlikely to have a significant impact on the sea bed.

General Notes

• <u>NOAA FSSI 4</u>: The fishery is not overfished and overfishing is not occurring and the stock biomass is at or above 80% of the biomass that produces maximum sustainable yield.



Environmental Notes

- This fishery interacts with turtles, but data is limited.
- 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

			FishSource Managed	
Black seabass Centropristis striata	Bottom trawl	Not certified or in	NOAA FSSI	\checkmark
NW Atlantic northern stock	Hook and line	a FIP	4	· ·
Fishery countries: U.S.				

Environmental Notes

• Profile not yet complete.

General Notes



Black stone crab	Pots and traps	Not certified or in a FIP	FishSource Needs Improvement	\checkmark
Menippe mercenaria				
Florida				
Fishery countries:				
U.S.				

- This fishery is unlikely to impact PET species.
- Bycatch for this fishery is considered very low. All incidental catch is returned to the water alive.
- This fishery is unlikely to have a significant impact on the sea bed.

General Notes

• No additional notes.



Environmental Notes

- Profile not yet complete.
- This fishery is unlikely to have a significant impact on the sea bed.

General Notes

• No additional notes.



Environmental Notes

- This fishery is unlikely to have a significant impact on the sea bed.
- Profile not yet complete.

General Notes



Blue crab

Callinectes sapidus

Mexico Gulf of Mexico

Fishery countries:

Mexico

Environmental Notes

• Profile not yet complete.

General Notes

• No additional notes



Environmental Notes

• Profile not yet complete.

General Notes

• No additional notes



Fishery countries: Greece

Environmental Notes

• Profile not yet complete.

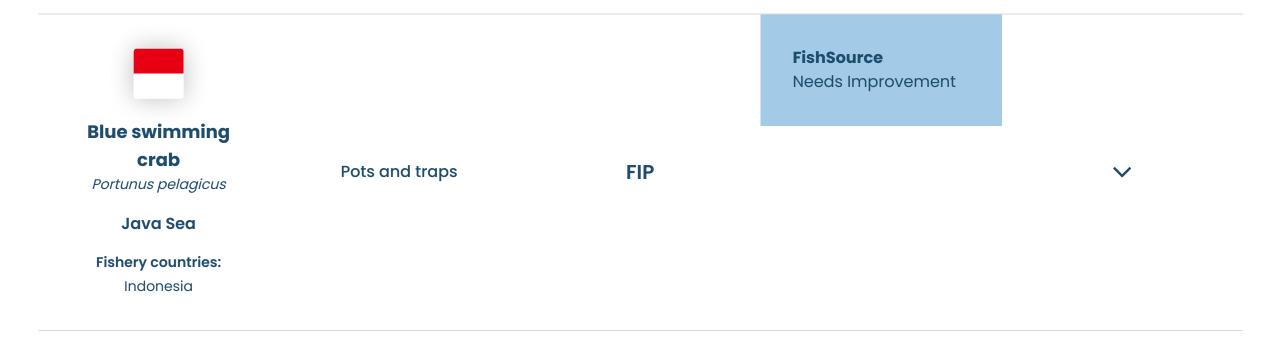
General Notes



• Profile not yet complete.

General Notes

• No additional notes.



Environmental Notes

- 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

References

Fishery Progress, Indonesian blue swimming crab - gillnet/trap



- - -

Fishery countries: Philippines

Environmental Notes

- There are risks to marine mammals and turtles with this fishery.
- Bycatch varies for this fishery depending on gear type.
- This fishery is unlikely to have a significant impact on the sea bed.

General Notes

References

Fishery Progress, Philippines blue swimming crab - bottom-set gillnet & pot/trap (PACPI)

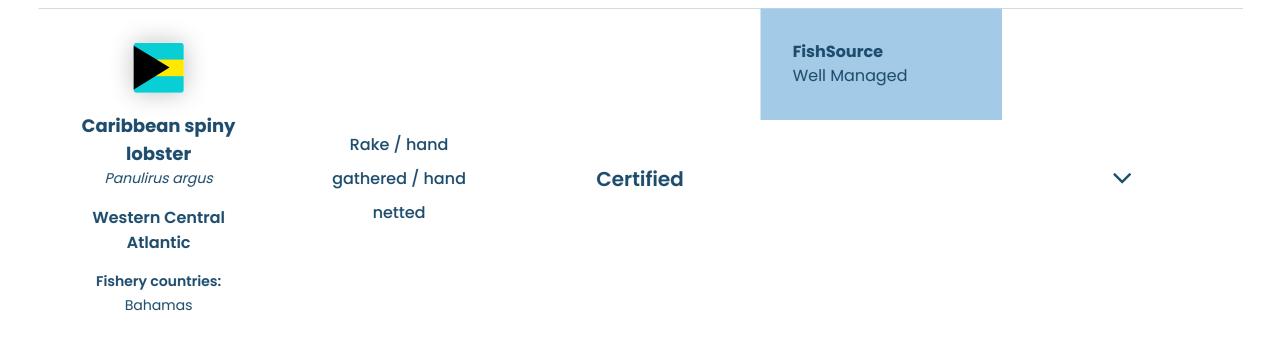


Pomatomus saltatrix	
W North Atlantic	NOAA FSSI
Fishery countries:	2
U.S.	

- There are risks to marine mammals with this fishery.
- There is bycatch for this fishery, but the scale of the issue is not established.
- This fishery is unlikely to have a significant impact on the sea bed.

General Notes

• No additional notes



Environmental Notes

• Profile not yet complete.

General Notes

• No additional notes



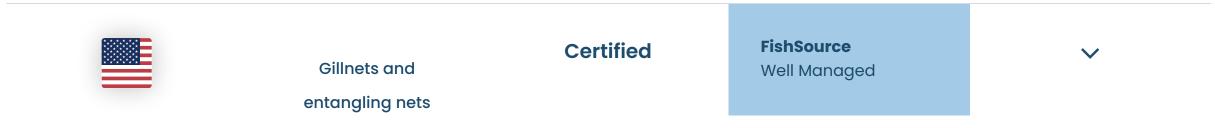
Caribbean spiny

lobster Panulirus argus	Pots and traps	Not certified or in a FIP	\checkmark
Western Central Atlantic			
Fishery countries: Bahamas			

Environmental Notes

• Profile not yet complete.

General Notes



Chinook salmon

Oncorhynchus tshawytscha

Alaska - Bristol Bay

Fishery countries:

U.S.

Environmental Notes

- This fishery is unlikely to impact PET species.
- Bycatch is a risk for this fishery, but there are mitigation measures in place.
- This fishery is unlikely to have a significant impact on the sea bed.

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.
- This fishery is unlikely to have a significant impact on the sea bed.

General Notes

• No additional notes.



		FishSource Well Managed	
Gillnets and	Cortified		\checkmark
entangling nets	Certined		•
		Certified	Well Managed Gillnets and Certified

Environmental Notes

- This fishery is unlikely to impact PET species.
- Management measures are in place to minimise bycatch of non-target salmon stocks.
- This fishery is unlikely to have a significant impact on the sea bed.

General Notes

The environmental notes for this fishery are based on a provisional assessment and are not derived from the FishSource profile. **References**

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



Environmental Notes

- 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

Caveat

The environmental notes for this fishery are based on a provisional assessment and are not derived from the FishSource profile.

References

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

			FishSource Well Managed	
Coho salmon Oncorhynchus kisutch Alaska - Annette Islands Reserve, Cook Inlet, Prince William Sound	Gillnets and entangling nets	Certified		~
Fishery countries: U.S.				

Environmental Notes

- 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

Caveat

The environmental notes for this fishery are based on a provisional assessment and are not derived from the FishSource profile.

References

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



Oncorhynchus kisutch

Alaska - Southeast Alaska

Fishery countries: U.S.

Environmental Notes

- 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

Caveat

The environmental notes for this fishery are based on a provisional assessment and are not derived from the FishSource profile.

References

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



Environmental Notes

• Profile not yet complete

General Notes

• No additional notes



FishSource Needs Improvement

Callinectes	arcuatus
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Lift nets

FIP

Eastern Gulf of California

Fishery countries:

Mexico

Environmental Notes

- 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

References

Fishery Progress, Mexico Gulf of California swimming crab - pot/trap/ring net



Cusk-eels nei Genypterus spp Brazil	Bottom trawl	Not certified or in a FIP	Sustainability not rated	~
Fishery countries: Brazil				

• Profile not yet complete.

General Notes

• No additional notes.

			FishSource Needs Improvement	
Dot-dash grouper				
Epinephelus				
poecilonotus	Longlines	FIP		\checkmark
Aru Bay, Arafura Sea	g			
and Eastern of Timor				
Sea				
Fishery countries:				
Indonesia				

Environmental Notes

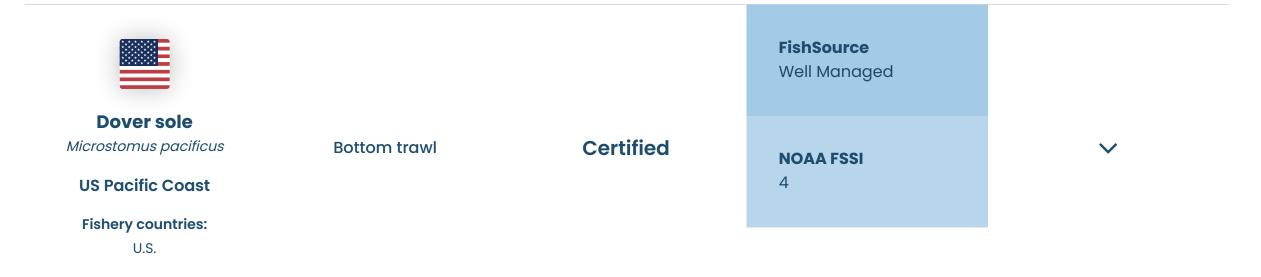
• Profile not yet complete.

General Notes

• This Indonesian multispecies fishery captures Snappers nei, Groupers nei and other reef fishes. There is as yet no consensus as to the stock structure of these species. This profile may undergo restructuring in the future as new information comes to light.

References

Future of Indonesian Fisheries, Aru, Arafura and Timor Seas snapper and grouper - handlines, bottom set longline



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

*			FishSource Managed	
Dungeness crab Cancer magister	Pots and traps	Not certified or in		~
-		a FIP		~
British Columbia				
Fishery countries:				
Canada				

• Profile not yet complete.

General Notes

• No additional notes

			FishSource Needs Improvement	
Duskytail grouper Epinephelus bleekeri	Longlines			
Aru Bay, Arafura Sea	Handlines and	FIP		\checkmark
and Eastern of Timor	pole-lines			
Sea				
Fishery countries: Indonesia				

Environmental Notes

• Profile not yet complete.

General Notes

• This Indonesian multispecies fishery captures Snappers nei, Groupers nei and other reef fishes. There is as yet no consensus as to the stock structure of these species. This profile may undergo restructuring in the future as new information comes to light.

References



Environmental Notes

• Profile not yet complete.

General Notes

			FishSource Managed	
European plaice		Not certified or in		-
Pleuronectes platessa	Seine nets			\sim
		a FIP		
Icelandic				
Fishery countries:				
Iceland				

- This fishery is unlikely to cause unacceptable impacts to PET species.
- There is bycatch for this fishery but management measures are in place to reduce impacts.
- This fishery is unlikely to have a significant impact on the sea bed.

General Notes

• No additional notes.

			FishSource Well Managed	
European plaice Pleuronectes platessa	Dette re trevul	Oortified		
North Sea and Skagerrak	Bottom trawl	Certified		\checkmark
Fishery countries:				

Environmental Notes

- Profile not yet complete.
- Bottom trawls will directly impact on the sea bed.

General Notes

• No additional notes.



Flathead grey mullet Mugil cephalus

N Gulf of Mexico and NW Atlantic - Florida East Coast

Fishery countries:

U.S.



Environmental Notes

- This fishery is unlikely to impact PET species.
- Profile is not yet complete.

General Notes

• No additional notes.



Environmental Notes

• Profile not yet complete.

General Notes

• No additional notes.



Environmental Notes

• Profile not yet complete.

General Notes

• No additional notes.

			FishSource Needs Improvement	
Greasy grouper Epinephelus tauvina	Longlines			
Aru Bay, Arafura Sea	Handlines and	FIP		\checkmark
and Eastern of Timor Sea	pole-lines			
Fishery countries: Indonesia				

Environmental Notes

• Profile not yet complete.

General Notes

• This Indonesian multispecies fishery captures Snappers nei, Groupers nei and other reef fishes. There is as yet no consensus as to the stock structure of these species. This profile may undergo restructuring in the future as new information comes to light.

References



- There is a lack of information on bycatch in this fishery.
- This fishery is unlikely to have a significant impact on the sea bed.
- Profile not yet complete.

General Notes

• <u>NOAA FSSI 4</u>: The fishery is not overfished and overfishing is not occurring and the stock biomass is at or above 80% of the biomass that produces maximum sustainable yield.



Environmental Notes

- This fish is caught as a bycatch species.
- Profile not yet complete.

General Notes

• No additional notes



Environmental Notes

• Profile not yet complete

General Notes

• No additional notes

Suriname Fishery countries: Suriname
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Environmental Notes

• Profile not yet complete

General Notes

• No additional notes



Environmental Notes

- This fishery is unlikely to have a significant impact on the sea bed.
- Profile not yet complete.

General Notes

• No additional notes.



Environmental Notes

• Profile not yet complete.

General Notes

			NOAA FSSI 4	
Grey tilefish				
Caulolatilus microps		Not cortified or in		
South Atlantic coast of US and Gulf of Mexico	Hook and line	Not certified or in a FIP		\checkmark
Fishery countries:				
U.S.				

• Profile not yet complete.

General Notes

• No additional notes.

Grey triggerfish Balistes capriscusHook and lineNot certified or in a FIPSustainability not ratedNorth AtlanticFishery countries: U.S.	Balistes capriscus North Atlantic Fishery countries:	Hook and line		•	~
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Environmental Notes

• Profile not yet complete.

General Notes

• No additional notes.



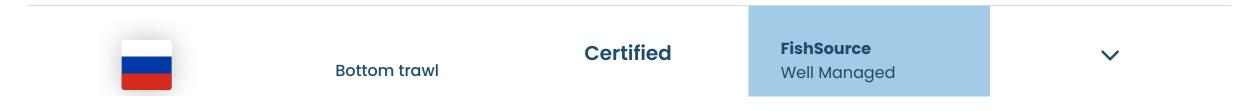


Gulf weakfish Cynoscion othonopterus	Hook and line	Not certified or in	Sustainability	\sim
		a FIP	not rated	•
Ecuador				
Fishery countries:				
Ecuador				

Environmental Notes

• Profile not yet complete.

General Notes



Haddock

Melanogrammus aeglefinus

Barents Sea

Fishery countries:

Russia

Environmental Notes

- This fishery is unlikely to impact PET species.
- MSC conditions are in place to assess the impact of the fishery on bycatch species.
- Bottom trawls will directly impact on the sea bed.

General Notes

• No additional notes.

			FishSource Managed	
Haddock				
Melanogrammus aeglefinus	Longlines	Not certified or in a FIP	NOAA FSSI 4	\sim
Georges Bank				
Fishery countries: U.S.				

Environmental Notes

- There are risks to PET species with this fishery, but there are mitigation measures in place.
- There is bycatch for this fishery but non-target species are retained. Management measures are in place to reduce impacts on retained species.
- This fishery is unlikely to have a significant impact on the sea bed.

General Notes

• <u>NOAA FSSI 4</u>: The fishery is not overfished and overfishing is not occurring and the stock biomass is at or above 80% of the biomass that produces maximum sustainable yield.

FishSource



			Weir Managea	
Haddock Melanogrammus aeglefinus	Bottom trawl Longlines	Certified		\checkmark
Icelandic				
Fishery countries: Iceland				

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

Hogfish Lachnolaimus maximus	Harpoon	Not certified or in a FIP	Sustainability not rated	\checkmark
NE Gulf of Mexico		arn.	notrated	
Fishery countries:				
U.S.				

• Profile not yet complete.

General Notes

• No additional notes.

Indian oil sardineSardinella longicepsKeralaFishery countries:India	Gillnets and entangling nets	Not certified or in a FIP	Sustainability not rated	~	

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

• No additional notes.



Japanese flying				
squid Todarodes pacificus	Hook and line	Not certified or in a FIP	Sustainability not rated	\checkmark
East China Sea and Japan Sea				
Fishery countries: China				

Environmental Notes

- There is no information on the impact of this fishery on PET species.
- Information on bycatch is not available for this fishery.
- This fishery is unlikely to have a significant impact on the sea bed.

General Notes

• There is a lack of information on stock status and mortality rates for Japanese flying squid in Chinese waters.

			FishSource Managed	
King mackerel Scomberomorus cavalla	Hook and line	Not certified or in a FIP		\checkmark
Gulf of Mexico				
Fishery countries:				

U.S.

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

General Notes

• No additional notes.



Environmental Notes

• Profile not yet complete.

General Notes

• No additional notes.



Lake whitefish Coregonus clupeaformis Lake Huron	Gillnets and entangling nets	Not certified or in a FIP	Sustainability not rated	\checkmark
Fishery countries: Canada				

Environmental Notes

• Profile not yet complete.

General Notes



Lane snapper

Lutjanus synagris

Costa Rica, Western Gulf of Mexico

> **Fishery countries:** Costa Rica, Mexico

Environmental Notes

• Profile not yet complete.

General Notes

• No additional notes.



Environmental Notes

• Profile not yet complete.

General Notes

• No additional notes



Lane snapper

Lutjanus synagris

Nicaragua, Panama

Not certified or in

Sustainability not rated

 \checkmark

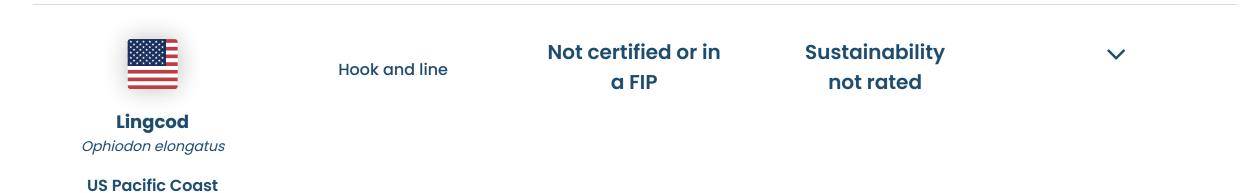


Longlines

Environmental Notes

• Profile not yet complete.

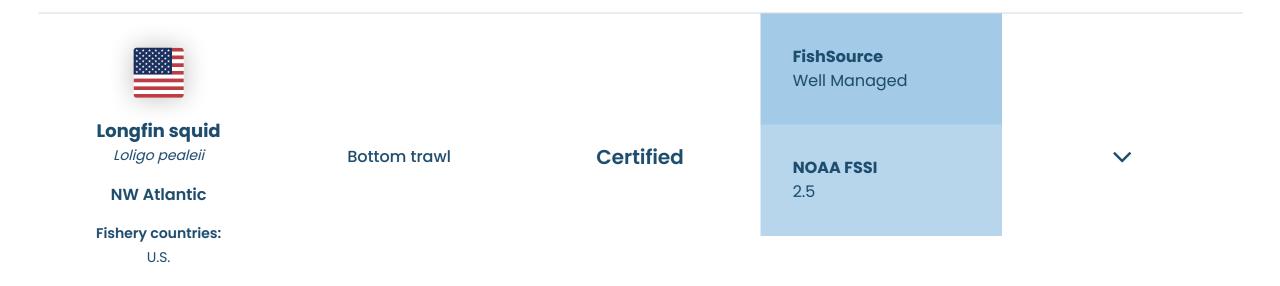
General Notes



- Profile not yet complete.
- This fishery is unlikely to have a significant impact on the sea bed.

General Notes

• No additional notes

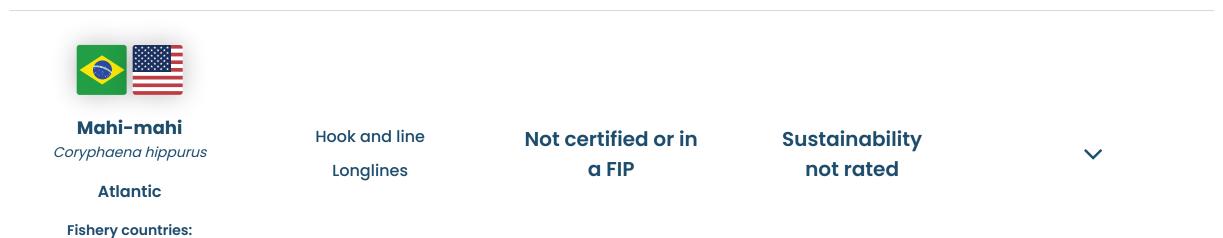


Environmental Notes

- There are risks to marine mammals, sharks, and rays with this fishery, but there are mitigation measures in place.
- There is some risk of bycatch by bottom trawl gear.
- Bottom trawls will directly impact on the sea bed.

General Notes

• No additional notes



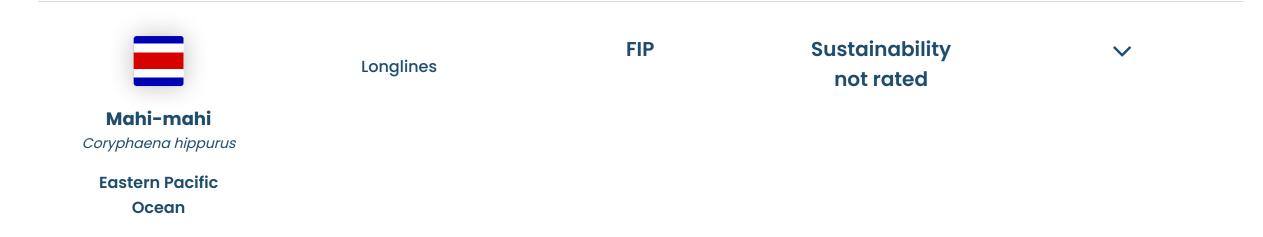


Environmental Notes

- The hook and line fisheries are considered to have little impact on vulnerable species and bycatch levels in general are understood to be nominal.
- This fishery is unlikely to have a significant impact on the sea bed.

General Notes

• Profile not yet complete for all assessment units.



- There are risks to turtles, sharks and seabirds with this fishery.
- Bycatch is a significant risk for this fishery.
- This fishery is unlikely to have a significant impact on the sea bed.

General Notes

References

Fishery Progress, Costa Rica large pelagics - longline and green stick



Environmental Notes

- 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.



Mahi-mahi Coryphaena hippurus

Sustainability

	Longlines	FIP		\checkmark	
Eastern Pacific			not rated		
Ocean					
Fishery countries:					
Ecuador					

Environmental Notes

- There are risks to sharks with this fishery.
- Bycatch for this fishery is considered very low.
- This fishery is unlikely to have a significant impact on the sea bed.

General Notes

References

Fishery Progress, Ecuador mahi-mahi - longline



Not certified or in

Sustainability

 $\mathbf{\vee}$

Mahi-mahi Coryphaena hippurus	Longlines	a FIP	not rated	
Eastern Pacific Ocean				
Fishery countries: Guatemala				

- There is a lack of up-to-date information on interactions with PET species in this fishery.
- Bycatch is a risk for this fishery.
- This fishery is unlikely to have a significant impact on the sea bed.

General Notes

• No additional notes.

Environmental Notes

- There are risks to sharks and sea turtles with this fishery.
- 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

• No additional notes.





Mahi-mahi Coryphaena hippurus	Longlines	Not certified or in	Sustainability not rated	\checkmark
Eastern Pacific Ocean	5	a FIP		
Fishery countries: Panama				

Environmental Notes

- There are risks to sharks and sea turtles with this fishery.
- Bycatch is a risk for this fishery.
- This fishery is unlikely to have a significant impact on the sea bed.

General Notes

	Longlines	FIP	Sustainability not rated	
Mahi-mahi Coryphaena hippurus				
Eastern Pacific Ocean				
Fishery countries: Peru				

 \checkmark

Environmental Notes

- There are risks to turtles, sharks and seabirds with this fishery.
- Bycatch is a significant risk for this fishery.
- This fishery is unlikely to have a significant impact on the sea bed.

General Notes

References

Fishery Progress, Peru mahi-mahi - longline (WWF)



Environmental Notes

- Longlines present a hazard to turtles, seabirds and sharks but these risks can be reduced through proper management of fishing gear.
- Bycatch for this fishery includes sharks and billfish, but there are mitigation measures underway.
- This fishery is unlikely to have a significant impact on the sea bed.

General Notes

• No additional notes



Environmental Notes

- There are risks to turtles and seabirds with this fishery.
- 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

• No additional notes.



Environmental Notes

- There are risks to sea turtles and sharks with this fishery.
- Bycatch is a risk for this fishery.
- Bottom longline gear may impact on sponges and deepwater corals.

General Notes



Environmental Notes

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

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

• <u>NOAA FSSI 4</u>: The fishery is not overfished and overfishing is not occurring and the stock biomass is at or above 80% of the biomass that produces maximum sustainable yield.

			FishSource Well Managed	
Northern brown shrimp Penaeus aztecus Northern Gulf of	Bottom trawl	FIP	NOAA FSSI 4	\checkmark
Mexico - Texas Fishery countries: U.S.				

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

Fishery Progress, US Texas shrimp - otter trawl

			FishSource Well Managed	
Northern pink shrimp Penaeus duorarum	Bottom trawl	FIP	NOAA FSSI 4	~
Northern Gulf of Mexico Fishery countries:				1

Environmental Notes

U.S.

- 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.
- Bottom trawls will directly impact on the sea bed.

General Notes

• <u>NOAA FSSI 4</u>: The fishery is not overfished and overfishing is not occurring and the stock biomass is at or above 80% of the biomass that produces maximum sustainable yield.



- 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

			FishSource Needs Improvement	
Northern red snapper	Hook and line	Not certified or in		\sim
Lutjanus campechanus Mexico Gulf of Mexico		a FIP		
Fishery countries: Mexico				

Environmental Notes

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

General Notes

• No additional notes

			FishSource Needs Improvement	
Northern red snapper Lutjanus campechanus Northern Gulf of	Longlines Handlines and pole-lines	Not certified or in a FIP	NOAA FSSI 3	\checkmark
Mexico Fishery countries: U.S.				

Environmental Notes

- This fishery is unlikely to impact PET species.
- 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



Northern white	
shrimp	
Penaeus setiferus	
Northern Gulf of Mexico - Alabama,	
Florida	
Fishery countries:	
U.S.	

NOAA FSSI 4

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

• No additional notes

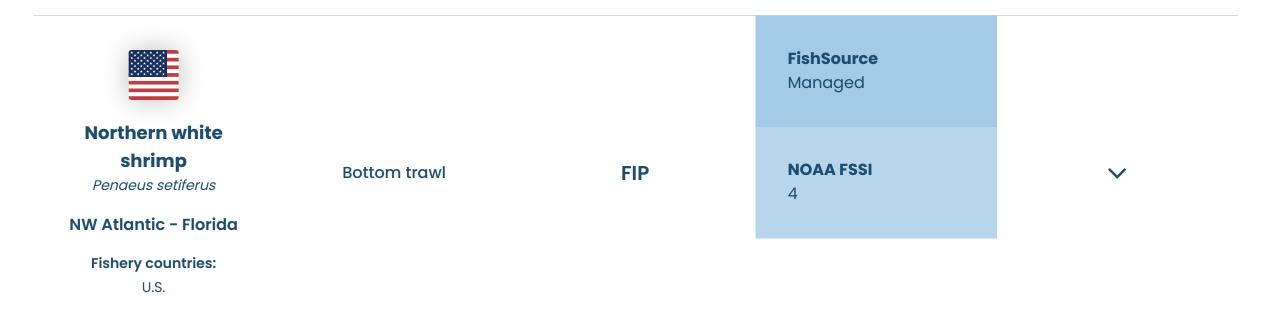
			FishSource Well Managed	
Northern white shrimp Penaeus setiferus Northern Gulf of	Bottom trawl	FIP	NOAA FSSI 4	~
Mexico - Texas Fishery countries: U.S.				

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



- There are risks to sea turtles with this fishery, but there are mitigation measures in place.
- Bycatch is a risk for this fishery, but there are mitigation measures in place.
- Bottom trawls will directly impact on the sea bed. Measures to protect critical habitats are in place.

• <u>NOAA FSSI 4</u>: The fishery is not overfished and overfishing is not occurring and the stock biomass is at or above 80% of the biomass that produces maximum sustainable yield.

References

<u>Wood's Fisheries, Gulf of Mexico and South Atlantic – Florida Shrimp FIP</u>

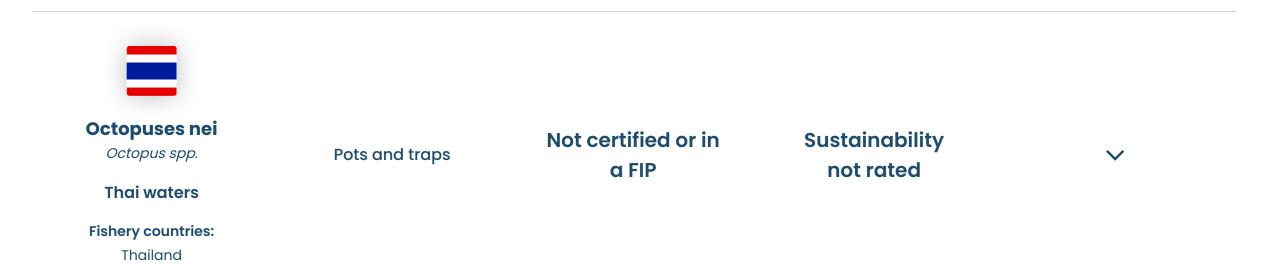


Environmental Notes

- 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.
- Bottom trawls will directly impact on the sea bed.

General Notes

• <u>NOAA FSSI 4</u>: The fishery is not overfished and overfishing is not occurring and the stock biomass is at or above 80% of the biomass that produces maximum sustainable yield.



Environmental Notes

• Profile not yet complete.

General Notes



• Profile not yet complete.

General Notes

References

Fishery Progress, Hawaii tuna and large pelagics - longline



Environmental Notes

- This fishery is believed to have mininal impacts on PET species.
- Bycatch for this fishery is considered low.
- Bottom trawls will directly impact on the sea bed. There is insufficient data available to assess significance of impacts on vulnerable habitats such as cold water coral reefs.

General Notes

• No additional notes.



Environmental Notes

• Profile not yet complete.

General Notes



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

General Notes

• NOAA FSSI 4: The fishery is not overfished and overfishing is not occurring and the stock biomass is at or above 80% of the biomass that produces maximum sustainable yield.



Environmental Notes

- There are risks to seabirds with this fishery, but mitigation actions are underway.
- 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

No additional notes





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. However, management measures are in place.

General Notes

References

Organizacion Internacional Agropecuaria (OIA), June 2017, Public Comment Draft Report for Patagonian Scallop Bottom Otter Trawl Fishery in Argentine Sea



South American -Peruvian

Fishery countries: Peru

Environmental Notes

• Profile not yet complete.

General Notes

• No additional notes.

***			FishSource Well Managed	
Patagonian				
toothfish				
Dissostichus eleginoides				
Southern Indian	Bottom trawl	Certified		\checkmark
Ocean - Heard Island				
and McDonald				
Islands				
Fishery countries:				
Australia				

Environmental Notes

• Profile not yet complete.

General Notes

• No additional notes.

			FishSource Well Managed
Petrale sole			
Eopsetta jordani	Bottom trawl	Certified	

Lopootta joraann	Bottom trawn	Certified	NOAA FSSI	•
US west coast			4	
Fishery countries:				
U.S.				

Environmental Notes

- This fishery is unlikely to impact PET species.
- 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

• <u>NOAA FSSI 4</u>: The fishery is not overfished and overfishing is not occurring and the stock biomass is at or above 80% of the biomass that produces maximum sustainable yield.



Hook and line

Not certified or in a FIP Sustainability not rated

 $\mathbf{\vee}$

Pink cusk-eel

Genypterus blacodes

Panama Pacific Coast

Fishery countries:

Panama

Environmental Notes

• Profile not yet complete.

General Notes

• No additional notes.

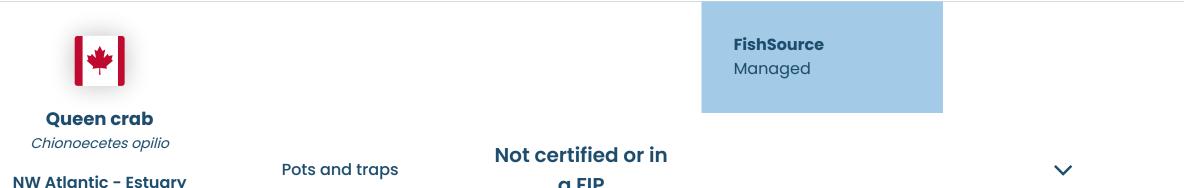


Environmental Notes

• Profile not yet complete.

General Notes

• No additional notes.

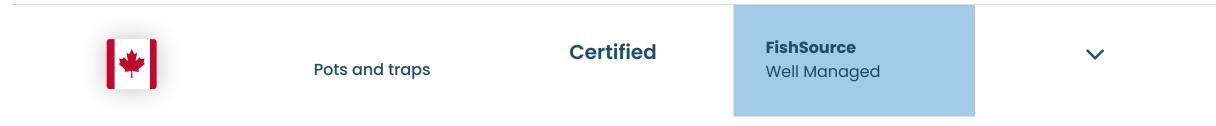


/	GT II	
and N Gulf of St		
Lawrence		
Fishery countries:		
Canada		

Environmental Notes

- 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



Queen crab

Chionoecetes opilio

NW Atlantic -Newfoundland and Labrador

Fishery countries:

Canada

Environmental Notes

- 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



Environmental Notes

- There are risks to right whales with this fishery. Please see the MSC link below.
- This fishery is unlikely to have a significant impact on the sea bed.

General Notes

References

Marine Stewardship Council, MSC certificate suspended for Southern Gulf of St. Lawrence snow crab fishery



Rainbow smelt Osmerus mordax	Gillnets and	Not certified or in	Sustainability	
Eastern New Brunswick	entangling nets	a FIP	not rated	\checkmark
Fishery countries: Canada				

Environmental Notes

- This fishery is unlikely to impact PET species.
- 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

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			-

Rainbow trout Oncorhynchus mykiss	Gillnets and	Not certified or in	Sustainability	\checkmark
Columbia and Fraser Rivers	entangling nets	a FIP	not rated	~
Fishery countries:				
U.S.				

• Profile not yet complete.

General Notes

• No additional notes.

			FishSource Managed	
Red grouper Epinephelus morio Gulf of Mexico and NW Atlantic -	Longlines	Not certified or in a FIP	NOAA FSSI 4	~
Northern Gulf of Mexico Fishery countries: U.S.				

Environmental Notes

- There are risks to sea turtles with this fishery, but there are mitigation measures in place.
- Bycatch for this fishery is considered low.
- This fishery is unlikely to have a significant impact on the sea bed.

General Notes

• NOAA FSSI 4: The fishery is not overfished and overfishing is not occurring and the stock biomass is at or above 80% of the biomass that

produces maximum sustainable yield.



- There are risks to sea turtles and marine mammals with this fishery.
- Bycatch is a risk for this fishery.
- Habitat impacts in this fishery are not well understood.

• No additional notes

			FishSource Well Managed	
Red king crab Paralithodes	Data and trans			
camtschaticus	Pots and traps	Certified	NOAA FSSI 4	\sim
Bristol Bay				
Fishery countries:				-
U.S.				

Environmental Notes

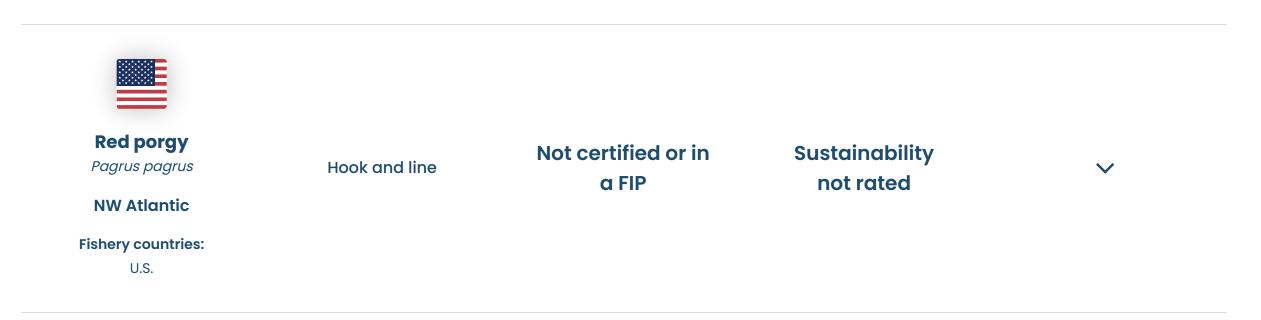
- This fishery is unlikely to impact PET species.
- There is some bycatch of other crabs with this fishery.
- This fishery is unlikely to have a significant impact on the sea bed.

General Notes

- <u>NOAA FSSI 4</u>: The fishery is not overfished and overfishing is not occurring and the stock biomass is at or above 80% of the biomass that produces maximum sustainable yield.
- This fishery is certified through the Alaska Responsible Fisheries Management (RFM) Program.

References

Alaska Seafood Marketing Institute, RFM Certification: Alaska Crab



Environmental Notes

• Profile not yet complete.

General Notes



- 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.

Round sardinella Sardinella aurita Midwater trawl Not certified or in a FIP Sustainability not rated	Sardinella aurita NW Africa - Morocco Fishery countries:	Midwater trawl		•	~
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Environmental Notes

• Profile not yet complete.

General Notes

• No additional notes.



Environmental Notes

• Profile not yet complete.

General Notes

• No additional notes



Environmental Notes

• There are risks to seabirds with this fishery.

- Bycatch is a risk for this fishery. An MSC condition is in place to assess fishery interactions with seabirds.
- Profile not yet complete.

• No additional notes.



Environmental Notes

• Profile not yet complete.

General Notes

• No additional notes.



Environmental Notes

- Profile not yet complete.
- This fishery is unlikely to have a significant impact on the sea bed.

General Notes

• No additional notes



- Profile not yet complete.
- This fishery is unlikely to have a significant impact on the sea bed.

• No additional notes

Scads nei Decapterus spp	Seine nets	Not certified or in	Sustainability	~
US Gulf of Mexico	Senie nets	a FIP	not rated	*
Fishery countries:				
U.S.				

Environmental Notes

• Profile not yet complete

General Notes

• No additional notes

Scaled herring		Not certified or in	Sustainability	
Harengula jaguana	Seine nets	a FIP	not rated	\checkmark
Florida waters		G FIF	notrated	
Fishery countries:				
U.S.				

Environmental Notes

• Profile not yet complete.

General Notes

• No additional notes.

Scamp				
Mycteroperca phenax	Hook and line	Not certified or in	Sustainability	\checkmark
Northern Gulf of		a FIP	not rated	
Mexico				
Fishery countries:				
U.S.				

Environmental Notes

• Profile not yet complete

General Notes

Handlines and Not certified or in Sustainability pole-lines Sheepshead Archosargus probatocephalus US Gulf of Mexico Fishery countries: U.S.		
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• Profile not yet complete.

General Notes

• No additional notes.



Environmental Notes

• Profile not yet complete.

General Notes

• No additional notes.



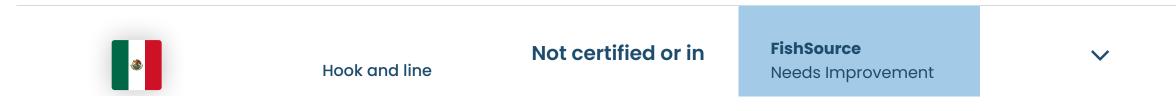
FishSource Needs Improvement

Shortfin mako Isurus oxyrinchus	Longlines	Not certified or in a FIP	\checkmark
US Atlantic			
Fishery countries: U.S.			

Environmental Notes

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

General Notes



Silk snapper Lutjanus vivanus	a FIP
Mexico Gulf of Mexico	
Fishery countries: Mexico	

- There are risks to PET species with this fishery, but specific studies about the interaction of the fishery with PET species are required.
- 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

	Longlines Handlines and pole-lines	FIP	Sustainability not rated	
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Environmental Notes

- This fishery is unlikely to have a significant impact on the sea bed.
- Profile not yet complete.

General Notes

References

Fishery Progress, Indonesian Longline Demersal Fish



Environmental Notes

- This fishery is unlikely to impact PET species.
- Bycatch for this fishery is considered low.
- Longline gear are in contact with the substrate, which may negatively impact sensitive habitats. Handline gear are generally considered to have minimal to no impact on habitat or the substrate.

General Notes

			FishSource Well Managed	
Sockeye salmon Oncorhynchus nerka	Gillnets and			
Alaska - Bristol Bay, Cook Inlet, Westward Alaska	entangling nets	Certified		\checkmark
Fishery countries: U.S.				

- 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 benthic habitat.

General Notes

Caveat

The environmental notes for this fishery are based on a provisional assessment and are not derived from the FishSource profile.

References

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



Environmental Notes

- 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 benthic habitat.

General Notes

Caveat

The environmental notes for this fishery are based on a provisional assessment and are not derived from the FishSource profile.

References

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



• Profile not yet complete.

General Notes

• No additional notes



Environmental Notes

• Profile not yet complete.

General Notes

• No additional notes.

Speckled hind				
Epinephelus drummondhayi	Hook and line	Not certified or in	Sustainability	\checkmark
aranninanayr	HOOK UNU III E	a FIP	not rated	•
Northern Gulf of				
Mexico				
Fishery countries:				
U.S.				

Environmental Notes

• Profile not yet complete.

General Notes

• No additional notes



• Profile not yet complete.

General Notes

• No additional notes.

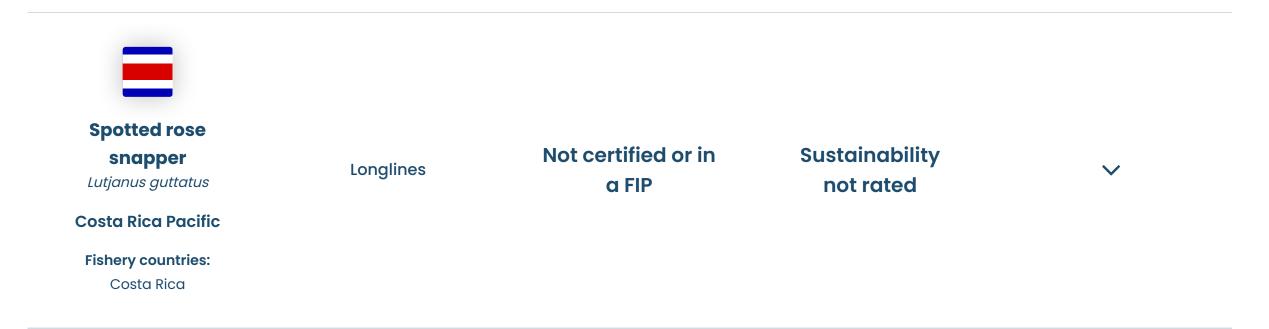
Spot croaker Leiostomus xanthurus NW Atlantic Central	Gillnets and entangling nets	Not certified or in a FIP	Sustainability not rated	\checkmark
Fishery countries: U.S.				

Environmental Notes

• Profile not yet complete.

General Notes

• No additional notes



Environmental Notes

• Profile not yet complete.

General Notes

• No additional notes.

Spotted weakfish				
Cynoscion nebulosus	Handlines and	Not certified or in	Sustainability	
North Carolina and	pole-lines	a FIP	not rated	\checkmark
Virginia, NE Florida,				
SE Florida				
Fishery countries:				
U.S.				

Environmental Notes

• Profile not yet complete.

General Notes

• No additional notes.



Environmental Notes

• Profile not yet complete.

General Notes

• No additional notes

			FishSource Needs Improvement	
Swordfish				
Xiphias gladius	Longlines	FIP		\checkmark
Indian Ocean				
Fishery countries: Indonesia				

Environmental Notes

- There is a risk to PET species with this fishery. Longlines present a hazard to turtles, seabirds and sharks, but these risks can be reduced through proper management of fishing gear.
- Bycatch for this fishery includes tuna, billfish and sharks.
- This fishery is unlikely to have a significant impact on the sea bed.

General Notes

References



Environmental Notes

- There are risks to sea turtles with this fishery.
- Bycatch is a risk for this fishery.
- This fishery is unlikely to have a significant impact on the sea bed.

General Notes

• No additional notes.

Swordfish		Not certified or in		
Xiphias gladius	Longlines	a FIP	Managed	\checkmark
North Atlantic		G T T		
Fishery countries:				
Canada, Spain, U.S.				

Environmental Notes

• Profile not yet complete.

General Notes

• No additional notes.

			FishSource Needs Improvement	
Swordfish		Not certified or in		
Xiphias gladius	Longlines	a FIP		\checkmark
Northeast Pacific		Grir		
Fishery countries:				
Ecuador				

Environmental Notes

- There are risks to sea turtles with this fishery.
- Bycatch is a risk for this fishery.
- This fishery is unlikely to have a significant impact on the sea bed.

General Notes

• No additional notes



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 are mitigation measures in place.
- This fishery is unlikely to have a significant impact on the sea bed.

General Notes

			FishSource Well Managed	
Vermilion snapper				
Rhomboplites aurorubens	Handlines and	Not certified or in		\checkmark
Gulf of Mexico and	pole-lines	a FIP		•
Western Central				
Atlantic				
Fishery countries:				
U.S.				

- This fishery is unlikely to impact PET species.
- 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

• No additional notes



Environmental Notes

- There are risks to PET species with this fishery.
- Bycatch is a risk for this fishery.
- This fishery is unlikely to have a significant impact on the sea bed.

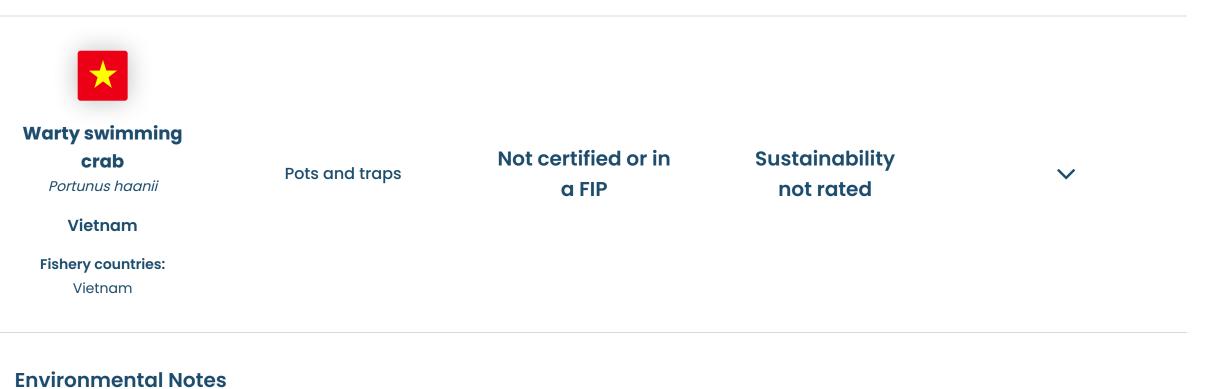
General Notes

• No additional 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.
- Profile not yet complete.

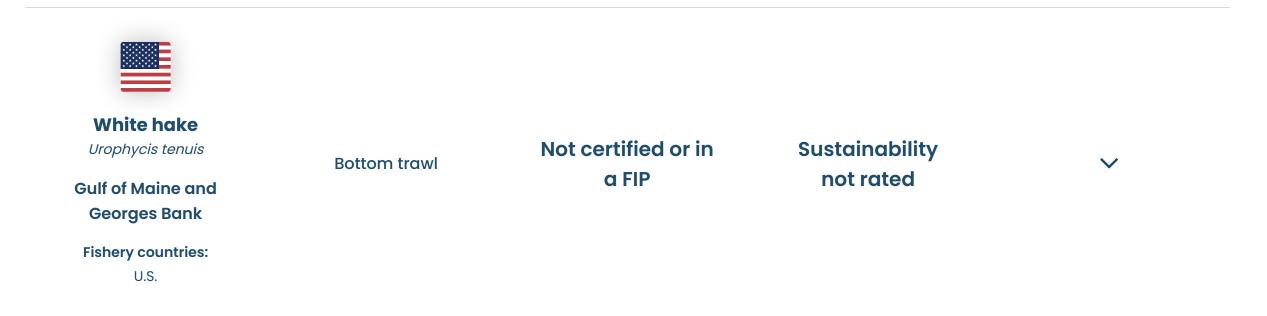
• No additional notes



- Profile not yet complete.

General Notes

• No additional notes



Environmental Notes

• Profile not yet complete.

General Notes

• No additional notes.



Environmental Notes

- There are risks to PET species with this fishery, but there is insufficient data available to assess significance.
- Bycatch is a risk for this fishery, but there is insufficient data available to assess significance.
- Profile not yet complete.

General Notes



- There are risks to seabirds, sea turtles and marine mammals with this fishery.
- 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

• No additional notes



Environmental Notes

- There are risks to marine mammals with this fishery, but there are mitigation measures in place.
- There is bycatch for this fishery but non-target species are retained. Management measures are in place to reduce impacts on retained species.
- This fishery is unlikely to have a significant impact on the sea bed.

General Notes

• No additional notes.

Widow rockfish			FishSource Well Managed	
widow rockfish				
Sebastes entomelas	Bottom trawl	Certified		\checkmark
US West Coast				
Fishery countries:				
U.S.				

Environmental Notes

• Profile not yet complete.

General Notes

	Bottom trawl		FishSource Well Managed	
Winter skate	Bottom trawn	Not certified or in		
Raja ocellata	Gillnets and			\sim
NW Atlantic	entangling nets	a FIP		
Fishery countries:				
U.S.				

- There are risks to marine mammals with this fishery, but there are mitigation measures in place.
- There is bycatch for this fishery but non-target species are retained. Management measures are in place to reduce impacts on retained species.
- This fishery is unlikely to have a significant impact on the sea bed.

General Notes

• No additional notes.



Environmental Notes

- This fishery is unlikely to impact PET species, but available data is still limited.
- Bycatch for this fishery is considered low.
- This fishery is unlikely to have a significant impact on the sea bed.

General Notes



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

• No additional notes.



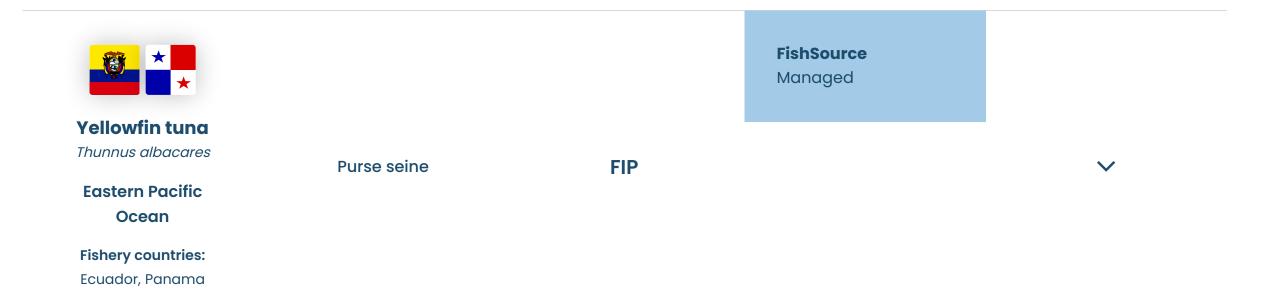
Environmental Notes

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

General Notes

References

Fishery Progress, Costa Rica large pelagics - longline and green stick



Environmental Notes

- There are risks to sea turtles with this fishery, but there are mitigation measures in place.
- Bycatch for this fishery includes billfish and other tuna species.
- This fishery is unlikely to have a significant impact on the sea bed.

General Notes

References

Fishery Progress, Eastern Pacific Ocean tropical tuna - purse seine (TUNACONS)



- Voluntary measures to reduce impacts on sea turtles are being implemented. The Ecuadorian longline fishery also interacts with sharks but information is limited.
- Bycatch for this fishery includes billfish and other tuna species.
- This fishery is unlikely to have a significant impact on the sea bed.

General Notes

• No additional notes

			FishSource Managed	
Yellowfin tuna				
Thunnus albacares	Longlines	FIP		\checkmark
Indian Ocean				
Fishery countries:				
Indonesia				

Environmental Notes

- There are risks to seabirds, sea turtles and marine mammals with this fishery.
- Bycatch is a risk for this fishery.
- This fishery is unlikely to have a significant impact on the sea bed.

General Notes

References

Fishery Progress, Indonesia Indian Ocean and Western Central Pacific Ocean tuna and large pelagics - longline



Yellowfin tuna Thunnus albacares

Longlines

FishSource Needs Improvement

FIP

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Indian Ocean

Fishery countries:

Sri Lanka

Environmental Notes

- There are risks to seabirds, sea turtles and marine mammals with this fishery.
- Bycatch is a risk for this fishery.
- This fishery is unlikely to have a significant impact on the sea bed.

General Notes

References

Fishery Progress, Sri Lanka tuna and swordfish - longline



Yellowfin tuna

Thunnus albacares

Western and Central Pacific Ocean

Fishery countries: Vietnam

Environmental Notes

- There are risks to turtles, seabirds and sharks, but these risks can be reduced through proper management of fishing gear.
- There is bycatch for this fishery but the scale of the issue is not established.
- This fishery is unlikely to have a significant impact on the sea bed.

General Notes

References

Fishery Progress, Vietnam yellowfin tuna - longline/handline FIP



Environmental Notes

- There is a risk to PET species with this fishery. Longlines present a hazard to turtles, seabirds and sharks, but these risks can be reduced through proper management of fishing gear.
- There is bycatch for this fishery but the scale of the issue is not established.
- This fishery is unlikely to have a significant impact on the sea bed.

General Notes

• No additional notes.

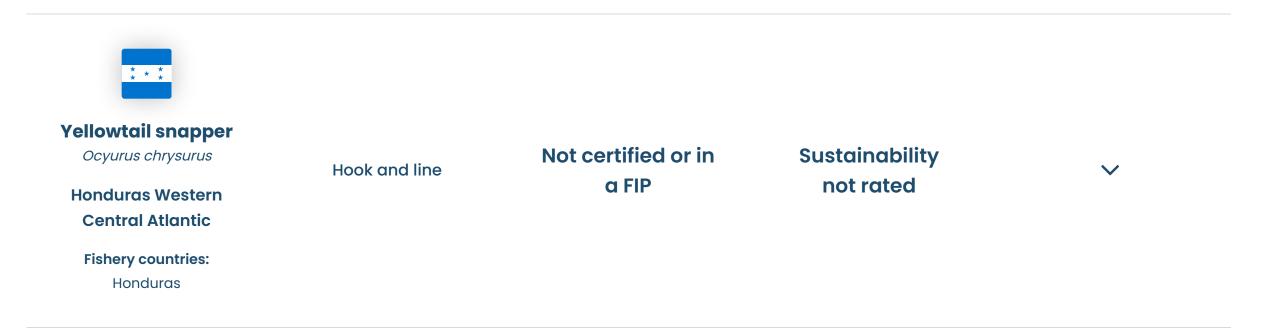


Environmental Notes

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

General Notes

• No additional notes.



Environmental Notes

• Profile not yet complete.

General Notes

• No additional notes.



Environmental Notes

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

General Notes

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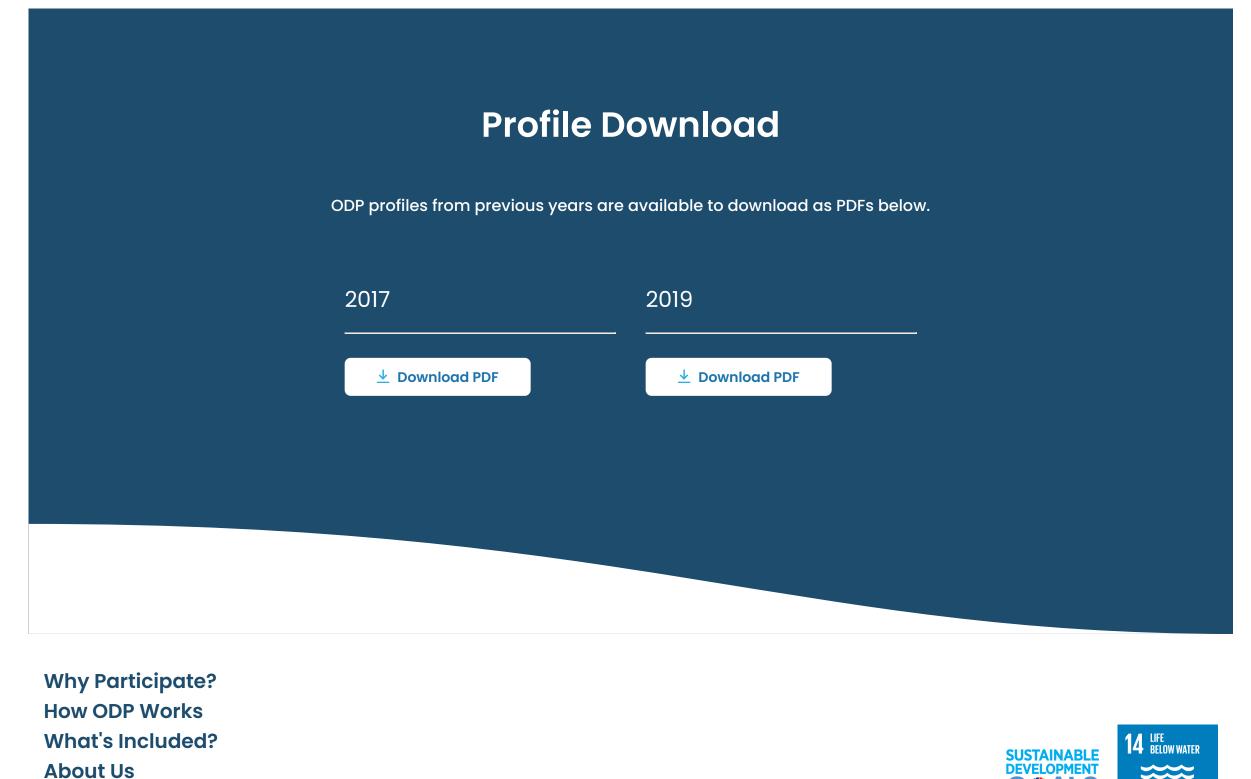
• No additional notes



- This fishery is unlikely to impact PET species.
- There is bycatch for this fishery, but non-target species are retained.
- This fishery is unlikely to have a significant impact on the sea bed.

• No additional notes





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