

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 <u>Gulf of Mexico shrimp</u> and snapper/grouper FIPs started. 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 fresh and frozen case and Publix-branded products sourced in 2018 only.

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

Associated Fisheries





Species and Location	Production Methods	Certification or Improvement Project	Sustainability Ratings	Notes
	Bottom trawl	Certified	FishSource Well Managed	
Acadian redfish Sebastes fasciatus Gulf of Maine and			NOAA FSSI 4	\checkmark
Georges Bank Fishery countries: U.S.				

- This fishery is unlikely to have unacceptable impacts on PET species. PET species that may interact with the fishery include marine mammals, sea turtles and Atlantic sturgeon, but recorded interactions are low.
- This fishery does not pose a risk of serious harm to bycatch species. Major bycatch species include dogfish and skate, of which, thorny skate is overfished. There is a partial strategy in place to ensure the fishery does not hinder the recovery of thorny skate.
- Bottom trawls will directly impact on the sea bed. However, management measures are in place.

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.

Caveat

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

Reference

SAI Global, 2016, MSC Assessment Final Report and Determination for US Acadian Redfish, Pollock and Haddock Otter Trawl Fishery.



- 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

Fishery Progress, Canada redfish (Unit 1 & 2) - trawl

			FishSource Well Managed	
Alaska pollock Theragra chalcogramma	Midwater trawl	Certified	NOAA FSSI 4	\checkmark
Gulf of Alaska Fishery countries: U.S.				

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.



Fishery countries:

U.S.

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.



US North Atlantic South

Fishery countries: U.S.

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.



US Atlantic	netted	
Fishery countries:		
U.S.		

Environmental Notes

• Profile not yet complete.

General Notes

• No additional notes.



Homarus americanus

Georges Bank and Off-Shore Nova Scotia

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



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

• No additional notes.

*			FishSource Well Managed	
American lobster Homarus americanus	Pote and trans	Certified		
Gulf of St. Lawrence South	Pots and traps	Certified		~
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

*	

American lobster

Homarus americanus

Newfoundland

Fishery countries: Canada

Environmental Notes

- The risk to endangered right whales of entanglement in lobster gear remains a concern.
- 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.

Reference

Fisheries and Oceans Canada, Assessment of American lobster in Newfoundland - Science Advisory Report, 2016

Safina Center, 2014, American lobster report



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.



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

Caveat

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

Reference

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



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

• No additional notes.

			NOAA FSSI 4	
American sea				
scallop				
Placopecten	Drodgo	Certified		\checkmark
magellanicus	Dredge	Certified		~

US Atlantic - Mid-	
Atlantic Bight	

Fishery countries:

U.S.

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

• <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

Alosa sapidissima

Florida Atlantic

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



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.

FishSource Managed

Argentine red			
shrimp			
Pleoticus muelleri	Bottom trawl	FIP	\checkmark
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

Argentine shortfin squid Illex argentinus	Hook and line	Not certified or in	Sustainability	~
Spring spawning	HOOK UND IIIIe	a FIP	not rated	~
(SpSS) - China High				
Seas				
Fishery countries:				
China				

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

General Notes

• No additional 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.

			FishSource Well Managed	
Atlantic cod Gadus morhua	Bottom trawl	Certified		\sim
Icelandic	Longlines			
Fishery countries: Iceland				

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.
- The impact depends on the gear type. Bottom trawls will have the greatest impact on the sea bed.

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.



• Profile not yet complete.

General Notes

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



Environmental Notes

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

General Notes

- The menhaden purse seine fishery entered into the MSC assessment process in June 2017.
- 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

• Profile not yet complete.

General Notes

• No additional 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.

Caveat

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



Ballyhoo halfbeak

Hemiramphus brasiliensis

Pots and traps

Not certified or in a FIP Sustainability not rated

 \checkmark

Fishery countries:

Florida

U.S.

Environmental Notes

• Profile not yet complete.

General Notes



Atlantic southern

Fishery countries: U.S.

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

• Profile not yet complete.

General Notes

Black seabream Spondyliosoma cantharus	Gillnets and entangling nets	Not certified or in a FIP	Sustainability not rated	~
English Channel and Celtic Sea				

• Profile not yet complete.

General Notes

• No additional notes.

Florida Fishery countries: U.S.

Environmental Notes

- 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



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

General Notes

• No additional notes.



Environmental Notes

- There are risks to marine mammals 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

References

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



Fishery countries:



Vietnam

Environmental Notes

- The risks to sharks and sea turtles with this fishery is considered low.
- 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.

General Notes

References

Fishery Progress, Vietnam blue swimming crab - bottom gillnet/pot/trap



W North Atlantic

Fishery countries: U.S.

Environmental Notes

- 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

• <u>NOAA FSSI 3</u>: The fishery is not overfished but overfishing is occurring and the stock biomass is at or above 80% of the biomass that produces maximum sustainable yield, *or*, the fishery is not overfished and overfishing is not occurring but the stock biomass is not at or above 80% of the biomass that produces maximum sustainable yield.



Environmental Notes

• Profile not yet complete.

General Notes

• This fishery was MSC certified in August 2018.

References

<u>Fishery Progress, Bahamas spiny lobster - trap/casita</u>

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Marine Stewardship Council, Bahamian Spiny Lobster Fishery
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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

			FishSource Well Managed	
Chum salmon Oncorhynchus keta				
Alaska - Southeast	Purse seine	Certified		\sim
Alaska				
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 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

- 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



- 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

- There is a lack of information on interactions with PET species in 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.





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



US Pacific Coast

Fishery countries: U.S.

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

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

General Notes

• This fishery was previously MSC-certified but withdrew from the MSC program in 2015. As of 2017, the fishery is undergoing an MSC Pre-Assessment.

References

Marine Stewardship Council, Oregon Dungeness Crab



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



- 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.
- Bottom trawls will directly impact on the sea bed. But, the fishery is considered highly unlikely to irreparably reduce habitat structure and function.

General Notes

• No additional notes.



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.

Greasy grouper Epinephelus tauvina Aru Bay, Arafura Sea and Eastern of Timor Sea Fishery countries: Indonesia	FIP	Sustainability not rated	
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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

NOAA FSSI 4	
Great Northern	
tilefish Lopholatilus Not certified or in	
chamaeleonticeps Longlines a FIP	\checkmark
Southern New	
England/Mid Atlantic	
Fishery countries: U.S.	

Environmental Notes

- 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.



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

General Notes

• No additional notes

Greenland halibut Reinhardtius hippoglossoides	Longlines	Not certified or in a FIP	Sustainability not rated	\checkmark
NE Atlantic / S stock				
Fishery countries: Greenland				
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



• Profile not yet complete.

General Notes

• No additional notes.



Environmental Notes

• Profile not yet complete.

General Notes

• No additional notes.

			FishSource Well Managed	
Haddock				
Melanogrammus aeglefinus	Bottom trawl	Certified		\checkmark
Barents Sea				
Fishery countries:				
Norway, Russia				

Environmental Notes

- Gear specific information on interactions with PET species is limited, but an MSC condition is in place to address this.
- 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.



- 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.



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

• No additional notes.



Environmental Notes

• Profile not yet complete.

General Notes



- There are risks to marine mammals 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.

Indian oil sardine Sardinella longicepsGillnets and entangling netsNot certified or in a FIPSustainability not ratedKeralaFishery countries: India	~
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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.



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.

	Hook and line	Not certified or in a FIP	FishSource Managed	~
King mackerel				
Scomberomorus cavalla				
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.



• Profile not yet complete.

General Notes

• No additional notes.



Environmental Notes

• Profile not yet complete.

General Notes



- This fishery is unlikely to impact PET species.
- There is some risk of bycatch by bottom trawl gear.
- Bottom trawls will directly impact on the sea bed.

General Notes

• No additional notes.

Mahi-mahi Coryphaena hippurus Eastern Pacific Ocean	Longlines	Not certified or in a FIP	Sustainability not rated	
Fishery countries: Costa Rica				

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

• No additional notes.



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, Ecuador mahi-mahi - longline



- 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

<u>Fishery Progress, Peru mahi-mahi - Iongline (Confremar)</u>



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

References

Fishery Progress, Indonesia/Indian Ocean tuna and large pelagics - longline



Mahi-mahi

Coryphaena hippurus	Handlines and	Not certified or in	Sustainability	\checkmark
Western and Central Pacific	pole-lines	a FIP	not rated	•
Fishery countries: Indonesia				

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



Mutton snapper Lutjanus analis

Northern Gulf of Mexico and Western Central Atlantic - US Gulf of Mexico

> Fishery countries: U.S.

Environmental Notes

• Profile not yet complete.

General Notes

• No additional 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.



FishSource Well Managed

Northern brown			
shrimp			
Penaeus aztecus			
Northern Gulf of	Bottom trawl	FIP	\checkmark
Mexico - Alabama,			
Florida, Louisiana,			
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

• <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

Audubon G.U.L.F., Alabama Shrimp FIP

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

Fishery Progress, US Texas shrimp - otter trawl

Wood's Fisheries, Gulf of Mexico and South Atlantic - Florida Shrimp FIP



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

• 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

- This fishery is unlikely to impact PET species.
- Bycatch for this fishery is low due to the use of the Nordmore grate.
- Bottom trawls will directly impact on the sea bed. However, this fishery does not overlap with sensitive habitats.

General Notes

• This MSC-certified Canada Scotian Shelf Northern prawn trawl fishery is the largest MSC-certified coldwater shrimp fishery in the world.

Caveat

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

References

Intertek, 2014, MSC Public Certification Report for Canadian Scotian Shelf Northern Prawn Trawl Fishery Shrimp Fishing Areas 13, 14, 15

Acoura Marine Ltd, 2017, MSC 3rd Surveillance Report for the Canada Scotian Shelf Northern Prawn Trawl Fishery

	Dredge Rake / hand	Not certified or in a FIP	Sustainability not rated	\checkmark
Northern quahog	gathered / hand			
Mercenaria mercenaria	netted			
US NW Atlantic Coast				
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 sea bed.

General Notes

• No additional notes

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

			FishSource Well Managed	
Northern white shrimp Penaeus setiferus Northern Gulf of	Bottom trawl	FIP	NOAA FSSI 4	\checkmark
Mexico - Alabama, Louisiana, Mississippi Fishery countries: U.S.				

- 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

• 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.

References

Audubon G.U.L.F., Alabama Shrimp FIP

Audubon G.U.L.F., Mississippi Shrimp FIP

Fishery Progress, Louisiana shrimp - otter/skimmer trawl





Environmental Notes

- 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.

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.

References

Wood's Fisheries, Gulf of Mexico and South Atlantic - Florida Shrimp FIP



Northern white	
shrimp	
Penaeus setiferus	
NW Atlantic -	
Georgia, North	
Carolina	
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 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

• No additional notes







Environmental Notes

• Profile not yet complete.

General Notes

References

<u>Fishery Progress, Hawaii tuna and large pelagics - longline</u>



Certified

FishSource



Challenger Plateau

Fishery countries: New Zealand

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

• No additional notes.

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Environmental Notes

- There are risks to seabirds and marine mammals with this fishery, but there are mitigation measures in place.
- Bycatch for this fishery is considered low.
- Bottom trawls will directly impact on the sea bed. However, management measures are in place.

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.



	Longlines	Certified	FishSource Well Managed	\checkmark
Pacific halibut Hippoglossus stenolepis				
NE Pacific - Alaska				
Fishery countries: U.S.				

- 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

Patagonian toothfish Dissostichus eleginoides Longlines South American - Peruvian Fishery countries: Peru	Patagonian toothfish Dissostichus eleginoides South American - Peruvian Fishery countries:	Longlines		-	~	
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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.

Petrale sole			FishSource Well Managed	
Eopsetta jordani	Bottom trawl	Certified	NOAA FSSI	\sim
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.



Environmental Notes

• Profile not yet complete.
General Notes

• No additional notes.



Environmental 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

• 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

• The MSC certificate was suspended for the Southern Gulf of St. Lawrence snow crab fishery on March 20, 2018.

References

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



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

• No additional notes



Environmental Notes

• Profile not yet complete.

General 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

• <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.
- 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



Red swamp

crawfish Procambarus clarkii	Pots and traps	Not certified or in a FIP	Sustainability not rated	\checkmark
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.



 \checkmark

	Pots and traps	a FIP	not rated	
Red swamp				
crawfish				
Procambarus clarkii				
Louisiana territorial				
sea				
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 sea bed.

General Notes

• No additional notes.

Red porgy Pagrus pagrus	Hook and line	Not certified or in	Sustainability	\checkmark
NW Atlantic		a FIP	not rated	·
Fishery countries:				
U.S.				

Environmental Notes

• Profile not yet complete.

General Notes

• No additional notes.



Fishery countries: U.S.		Bottom trawl	Not certified or in a FIP	Sustainability not rated	~
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Environmental Notes

• Profile not yet complete.

General Notes



Round sardinella

Sardinella aurita

NW Africa - Morocco

Fishery countries:

European Union

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.

General Notes

• No additional notes.



Saithe Pollachius virens

Midwater trawl

Not certified or in

Sustainability



Gulf of Maine and Georges Bank	a FIP	not rated	•
Fishery countries: U.S.			

Environmental Notes

• Profile not yet complete.

General Notes



US Atlantic Coast

Fishery countries: U.S.

Environmental Notes

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

General Notes

• No additional notes

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

Environmental Notes

• Profile not yet complete.

General Notes

• No additional notes.



Environmental Notes

• Profile not yet complete.

General Notes



• Profile not yet complete.

General Notes

• No additional notes.

			FishSource Needs Improvement	
Shortfin mako Isurus oxyrinchus	Longlines	Not certified or in	NOAA FSSI	\sim
US Atlantic		a FIP	1 1	
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

• No additional notes.



Environmental Notes

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

General Notes

References

Future of Indonesian Fisheries, Indonesian Longline Demersal Fish



Oncorhynchus nerka

Alaska - Bristol Bay, Cook Inlet, Prince

William Sound, Westward 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 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



Southern flounder

Paralichthys lethostigma	Bottom trawl	Not certified or in	Sustainability	\checkmark
Western Central Atlantic	Dottom trawn	a FIP	not rated	·
Fishery countries:				
U.S.				

Environmental Notes

• Profile not yet complete.

General Notes

\checkmark
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• Profile not yet complete.

General Notes

• No additional notes.

Image: constraint of the constra	Hook and line	Not certified or in a FIP	Sustainability not rated	

Environmental Notes

• Profile not yet complete.

General Notes

• No additional notes.



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

Environmental Notes

• Profile not yet complete.

General Notes



Spotted rose

snapper

Lutjanus guttatus

Costa Rica Pacific

Fishery countries:

Costa Rica

Environmental Notes

• Profile not yet complete.

General Notes

• No additional notes.



Environmental Notes

• Profile not yet complete.

General Notes

• No additional notes.





Fishery countries:

U.S.

Environmental Notes

• Profile not yet complete.

General Notes

• No additional notes



Northeast Pacific

- 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

			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

Fishery Progress, Indonesia/Indian Ocean tuna and large pelagics - longline



Swordfish Xiphias gladius

Not certified or in

FishSource Managed

 \checkmark



South Atlantic

Fishery countries:

Brazil

Environmental Notes

- There are risks to sea birds, sea turtles and sharks 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



Xiphias gladius

Southwest Pacific

Fishery countries:

Vietnam

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

• 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

- <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

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Vermili	ion	sna	oper
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Rhomboplites aurorubens	Handlines and	Not certified or in	
Gulf of Mexico and Western Central Atlantic	pole-lines	a FIP	
Fishery countries: U.S.			

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

• No additional notes



Environmental Notes

- Bycatch is a risk for this fishery.
- Profile not yet complete.

General Notes

• No additional notes.

*			FishSource Well Managed	
Walleye Sander vitreus	Gillnets and			
Lake Erie western and central	entangling nets	Certified		\checkmark
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.
- Profile not yet complete.

General Notes

• No additional notes



Environmental Notes

• Profile not yet complete.

General Notes

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Winter flounder Pseudopleuronectes americanus	Bottom trawl	Not certified or in a FIP	Needs improvement	\checkmark
NW Atlantic Central				
Fishery countries:				
U.S.				

• Profile not yet complete.

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.

			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 Gillnets and	Not certified or in a FIP	FishSource Well Managed	\checkmark
Winter skate Raja ocellata	entangling nets			
NW Atlantic				
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

- 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. Purse seines can accidentally catch sharks and turtles.
- 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

- 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.

			FishSource Managed	
Yellowfin tuna				
Thunnus albacares	Longlines	FIP	NOAA FSSI	\checkmark
Eastern Pacific			3	
Ocean				
Fishery countries:				
Costa Rica, Ecuador				

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

• <u>NOAA FSSI 3</u>: The fishery is not overfished but overfishing is occurring and the stock biomass is at or above 80% of the biomass that produces maximum sustainable yield, *or*, the fishery is not overfished and overfishing is not occurring but the stock biomass is not at or above 80% of the biomass that produces maximum sustainable yield.

References

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

Fishery Progress, Eastern Pacific Ocean tuna - Iongline (Transmarina)



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



- 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.

			FishSource Managed	
Yellowfin tuna				_
Thunnus albacares	Hook and line	FIP		\checkmark
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



Gu			

Fishery countries: Mexico

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



Northern Gulf of Mexico and Western Central Atlantic - US Gulf of Mexico

> Fishery countries: U.S.

Environmental 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.

General Notes

• No additional notes



Profile Download

ODP profiles from previous years are available to download as PDFs below.









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