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 FIP in snow crab in Canada. 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/

Associated Fisheries
<table>
<thead>
<tr>
<th>Species and Location</th>
<th>Production Methods</th>
<th>Certification or Improvement Project</th>
<th>Sustainability Ratings</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acadian redfish</td>
<td>Bottom trawl</td>
<td>FIP</td>
<td><code>FishSource</code></td>
<td>Managed</td>
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<tr>
<td>Gulf of St. Lawrence &amp; Laurentian Channel</td>
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<tr>
<td>Canada</td>
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</table>

### Environmental Notes
- 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

<table>
<thead>
<tr>
<th>Species and Location</th>
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<th>Notes</th>
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<tbody>
<tr>
<td>Alaska pollock</td>
<td>Midwater trawl</td>
<td>Certified</td>
<td>Well managed</td>
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<td>E Bering Sea</td>
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<tr>
<td>U.S.</td>
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</tbody>
</table>

### 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.

**Alaska pollock**
*Theragra chalcogramma*

Gulf of Alaska
Fishery countries: U.S.

**Midwater trawl**

**Certified**

**FishSource**
Well Managed

**NOAA FSSI**
4

**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.
- **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.

**American angler**
*Lophius americanus*

US North Atlantic
North
Fishery countries: U.S.

**Bottom trawl**

**Not certified or in a FIP**

**FishSource**
Well Managed

**NOAA FSSI**
4

**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**
- **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.
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.

American cupped oyster
*Crassostrea virginica*

**Fishery countries:**
- U.S.

Environmental Notes

- Profile not yet complete.

General Notes

- No additional notes.

American lobster
*Homarus americanus*

**Fishery countries:**
- Canada

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](https://www.fishsource.com/)

American lobster
*Homarus americanus*

**Fishery countries:**
- Canada

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](https://www.fishsource.com/)
**Environmental Notes**
- Profile not yet complete

**General Notes**
- No additional notes

---

**American lobster**
*Homarus americanus*

**Georges Bank and Off-Shore Nova Scotia**

**Fishery countries:**
Canada

**Pots and traps**
Certified

**FishSource**
Well Managed

---

**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

---

**American lobster**
*Homarus americanus*

**Gulf of Maine and Georges Bank**

**Fishery countries:**
U.S.

**Pots and traps**
Certified

**FishSource**
Well Managed

---

**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.
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.

American lobster
Homarus americanus
Southern New England/Mid Atlantic
Fishery countries:
U.S.

Pots and traps
Not certified or in a FIP

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.

American sea scallop
Placopecten magellanicus
Eastern Georges Bank
Fishery countries:
Canada

Dredge
Certified

FishSource
Needs Improvement

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.
### American sea scallop

**Scientific Name:** Placopecten magellanicus  
**Fishery Region:** 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
- **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.

### American shad

**Scientific Name:** Alosa sapidissima  
**Fishery Region:** 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

### American yellow perch

**Scientific Name:** Perca flavescens  
**Fishery Region:** 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
**Arctic surfclam**
*Macromeris polynyma*

**NW Atlantic**
**Fishery countries:**
- Canada

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<thead>
<tr>
<th>Method</th>
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<tbody>
<tr>
<td>Dredge</td>
<td>Certified</td>
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</table>

**Environmental Notes**
- Profile not yet complete.

**General Notes**
- No additional notes.

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**Argentine red shrimp**
*Pleoticus muelleri*

**Patagonian**
**Argentina inshore**

**Fishery countries:**
- Argentina

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<tr>
<th>Method</th>
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<tr>
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<td>FIP</td>
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</table>

**FishSource**
- Managed

**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](#)

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**Atlantic cod**
*Gadus morhua*

**Barents Sea**
**Fishery countries:**
- Russia

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<th>Method</th>
<th>Certification</th>
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<tbody>
<tr>
<td>Bottom trawl</td>
<td>Certified</td>
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</tbody>
</table>

**FishSource**
- Well Managed

**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.

---

**Atlantic cod**
*Gadus morhua*

**Georges Bank**

**Fishery countries:**
- U.S.

- Bottom trawl
- Not certified or in a FIP
- **NOAA FSSI 1**

**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.

---

**Atlantic cod**
*Gadus morhua*

**Iceland**

**Fishery countries:**
- Iceland

- Bottom trawl
- Certified

**FishSource**
Well Managed

**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**
- No additional notes.

---

**Atlantic croaker**
*Micropogonias undulatus*

**N&S American Atlantic Coast**

**Fishery countries:**
- U.S.

- Gillnets and entangling nets
- Not certified or in a FIP
- **Sustainability not rated**

**FishSource**
Needs Improvement

**NOAA FSSI**
Not certified or in a FIP
Environmental Notes
- Profile not yet complete.

General Notes
- No additional notes

Atlantic halibut
Hippoglossus hippoglossus
Gulf of St. Lawrence
Fishery countries:
- Canada

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.

Atlantic halibut
Hippoglossus hippoglossus
Scotian Shelf and Southern Grand Banks
Fishery countries:
- Canada

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.

Atlantic rock crab
Cancer irroratus
Canadian NW Atlantic
Fishery countries:
- Canada

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.
### Atlantic silverside
*Menidia menidia*

**Prince Edward Island**

Fishery countries:
- Canada

<table>
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<tr>
<th>Method</th>
<th>Certification Status</th>
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</table>

#### Environmental Notes
- Profile not yet complete.

#### General Notes
- No additional notes.

### Atlantic Spanish mackerel
*Scomberomorus maculatus*

**Western Atlantic**

Fishery countries:
- U.S.

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</table>

#### Environmental Notes
- Profile not yet complete.

#### General Notes
- No additional notes.

### Atlantic wolffish
*Anarhichas lupus*

**Icelandic**

Fishery countries:
- Iceland

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<tr>
<th>Method</th>
<th>Certification Status</th>
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<tbody>
<tr>
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</tbody>
</table>

#### Environmental Notes
- No locally affected seabirds or marine mammals are classified as PET species.

#### FishSource
- Managed

### Atlantic wolffish
*Anarhichas lupus*

**Icelandic**

Fishery countries:
- Iceland

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<tbody>
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</table>

#### Environmental Notes
- Profile not yet complete.

#### General Notes
- No additional notes.

### Atlantic wolffish
*Anarhichas lupus*

**Icelandic**

Fishery countries:
- Iceland

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</tbody>
</table>

#### Environmental Notes
- Profile not yet complete.

#### General Notes
- No additional notes.

### Atlantic wolffish
*Anarhichas lupus*

**Icelandic**

Fishery countries:
- Iceland

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</tbody>
</table>

#### Environmental Notes
- Profile not yet complete.

#### General Notes
- No additional notes.

### Atlantic wolffish
*Anarhichas lupus*

**Icelandic**

Fishery countries:
- Iceland

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#### Environmental Notes
- Profile not yet complete.

#### General Notes
- No additional notes.

### Atlantic wolffish
*Anarhichas lupus*

**Icelandic**

Fishery countries:
- Iceland

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#### Environmental Notes
- Profile not yet complete.

#### General Notes
- No additional notes.

### Atlantic wolffish
*Anarhichas lupus*

**Icelandic**

Fishery countries:
- Iceland

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</tbody>
</table>

#### Environmental Notes
- Profile not yet complete.

#### General Notes
- No additional notes.

### Atlantic wolffish
*Anarhichas lupus*

**Icelandic**

Fishery countries:
- Iceland

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</tbody>
</table>

#### Environmental Notes
- Profile not yet complete.

#### General Notes
- No additional notes.

### Atlantic wolffish
*Anarhichas lupus*

**Icelandic**

Fishery countries:
- Iceland

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</thead>
<tbody>
<tr>
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</table>

#### Environmental Notes
- Profile not yet complete.

#### General Notes
- No additional notes.
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


### Atlantic wolffish

**Anarhichas lupus**

**Scotian Shelf, Georges Bank and Bay of Fundy**

**Fishery countries:**

- Canada

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<tr>
<th>Method</th>
<th>Status</th>
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<tbody>
<tr>
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<td>Not certified or in a FIP</td>
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</table>

### Ballyhoo halfbeak

**Hemiramphus brasiliensis**

**Florida**

**Fishery countries:**

- U.S.

<table>
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<tr>
<th>Method</th>
<th>Status</th>
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</thead>
<tbody>
<tr>
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</table>

### Black grouper

**Mycteroperca bonaci**

**Northern Gulf of Mexico and NW**

<table>
<thead>
<tr>
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<th>Status</th>
<th>FishSource</th>
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<tbody>
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<thead>
<tr>
<th></th>
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<th>NOAA FSSI</th>
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</tbody>
</table>
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
- 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.

Black grouper
*Mycteroperca bonaci*
Northern Gulf of Mexico and NW Atlantic southern – US NW Atlantic Southern
Fishery countries:
- U.S.

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

Black seabass
*Centropristis striata*
NW Atlantic northern stock
Fishery countries:
- U.S.

Environmental Notes
- Profile not yet complete.

General Notes
- No additional notes.
**Black stone crab**
*Menippe mercenaria*

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.

**Blacktip shark**
*Carcharhinus limbatus*

Gulf of Mexico
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.

**Blue crab**
*Callinectes sapidus*

Chesapeake Bay
Fishery countries: U.S.

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

**General Notes**
- No additional notes.
Blue crab
*Callinectes sapidus*

**Mexico Gulf of Mexico**

**Fishery countries:**
- Mexico

---

**Environmental Notes**
- Profile not yet complete.

**General Notes**
- No additional notes

---

Blue crab
*Callinectes sapidus*

**North Carolina**

**Fishery countries:**
- U.S.

---

**Environmental Notes**
- Profile not yet complete.

**General Notes**
- No additional notes

---

Blue crab
*Callinectes sapidus*

**Theraikos Gulf (Methoni Bay)**

**Fishery countries:**
- Greece

---

**Environmental Notes**
- Profile not yet complete.

**General Notes**
- No additional notes

---

Blue squat lobster
*Cervimunida johni*

**Chilean southern**

**Fishery countries:**
- Chile

---

Bottom trawl

**Certified**

**FishSource**
- Well Managed
Chile

**Environmental Notes**
- Profile not yet complete.

**General Notes**
- No additional notes.

---

**Blue swimming crab**
*Portunus pelagicus*

Java Sea

Fishery countries:
- Indonesia

---

**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

---

**Blue swimming crab**
*Portunus pelagicus*

**Fishery countries:**
- Philippines

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**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)

---

**Bluefish**

- Hook and line
- Not certified or in a FIP

**FishSource**
- Needs Improvement

**FishSource**
- Needs Improvement

**FishSource**
- Managed
**Pomatomus saltatrix**

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**

- No additional notes

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**Caribbean spiny lobster**

*Panulirus argus*

Western Central Atlantic

Fishery countries:
Bahamas

**Environmental Notes**

- Profile not yet complete.

**General Notes**

- No additional notes

---

**Caribbean spiny lobster**

*Panulirus argus*

Western Central Atlantic

Fishery countries:
Bahamas

**Environmental Notes**

- Profile not yet complete.

**General Notes**

- No additional notes

---

**Gillnets and entangling nets**

**Environmental Notes**

- Profile not yet complete.

**Certified**
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.

Chinook salmon
Oncorhynchus tshawytscha
Alaska - Southeast Alaska
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.

Chum salmon
Oncorhynchus keta
Alaska - Alaska Peninsula, Aleutian Island and Chignik; Arctic-Yukon-Kuskokwim
Fishery countries: U.S.

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
- 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

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
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

Ecuador
Fishery countries:
Ecuador

Corvina drum
*Cynoscion guatemala*
Hook and line
Not certified or in a FIP
Sustainability not rated

Environmental Notes
- Profile not yet complete

General Notes
- No additional notes

Eastern Gulf of California
Fishery countries:
Mexico

Cuata swimcrab
*Callinectes arcuatus*
Lift nets
FIP

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

Fishery countries: 
Brazil

- **Environmental Notes**
  - Profile not yet complete.

- **General Notes**
  - No additional notes.

---

**Dot-dash grouper**
*Epinephelus poeclalonotus*

Aru Bay, Arafura Sea 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

---

**Dover sole**
*Microstomus pacificus*

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**
  - No additional notes.
Dungeness crab
*Cancer magister*

British Columbia

Fishery countries:
- Canada

Environmental Notes
- Profile not yet complete.

General Notes
- No additional notes

Edible crab
*Cancer pagurus*

Central North Sea

Fishery countries:
- U.K.

Environmental Notes
- Profile not yet complete.

General Notes
- No additional notes

Duskytail grouper
*Epinephelus bleekeri*

Aru Bay, Arafura Sea 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
- *Fishery Progress, Indonesia Aru and Arafura demersal fish – longline*
<table>
<thead>
<tr>
<th>Species</th>
<th>Fishery Countries</th>
<th>Fishery Type</th>
<th>Certification</th>
<th>Sustainability</th>
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<td><strong>Environmental Notes</strong></td>
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<td></td>
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<tr>
<td>- This fishery is unlikely to cause unacceptable impacts to PET species.</td>
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<tr>
<td>- There is bycatch for this fishery but management measures are in place to reduce impacts.</td>
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<tr>
<td>- This fishery is unlikely to have a significant impact on the sea bed.</td>
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<td><strong>General Notes</strong></td>
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<tr>
<td>- Bottom trawls will directly impact on the sea bed.</td>
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<td><strong>General Notes</strong></td>
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<td>- This fishery is unlikely to impact PET species.</td>
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</tbody>
</table>
**Florida pompano**
*Trachinotus carolinus*

**SE Gulf of Mexico**

Fishery countries:
- Mexico

<table>
<thead>
<tr>
<th>Fishing Method</th>
<th>Sustainability</th>
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</thead>
<tbody>
<tr>
<td>Hook and line</td>
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<tr>
<td></td>
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</table>

**Environmental Notes**
- Profile not yet complete.

**General Notes**
- No additional notes.

---

**Florida pompano**
*Trachinotus carolinus*

**NE Gulf of Mexico**

Fishery countries:
- U.S.

<table>
<thead>
<tr>
<th>Fishing Method</th>
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</table>

**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

<table>
<thead>
<tr>
<th>Fishing Method</th>
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<tbody>
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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**
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

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

General Notes

- No additional notes

Environmental Notes

- Profile not yet complete
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<tr>
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<td>No additional notes.</td>
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Grey tilefish
*Caulolatilus microps*
South Atlantic coast of US and Gulf of Mexico
Fishery countries: U.S.

<table>
<thead>
<tr>
<th>Method</th>
<th>Certification</th>
<th>Sustainability</th>
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<tbody>
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</table>

**Environmental Notes**
- Profile not yet complete.

**General Notes**
- No additional notes.

---

Grey triggerfish
*Balistes capriscus*
North Atlantic
Fishery countries: U.S.

<table>
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<th>Certification</th>
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<tbody>
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**Environmental Notes**
- Profile not yet complete.

**General Notes**
- No additional notes.

---

Gulf weakfish
*Cynoscion othonopterus*
Ecuador
Fishery countries: Ecuador

<table>
<thead>
<tr>
<th>Method</th>
<th>Certification</th>
<th>Sustainability</th>
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<tbody>
<tr>
<td>Hook and line</td>
<td>Not certified or in a FIP</td>
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</table>

**Environmental Notes**
- Profile not yet complete.

**General Notes**
- No additional 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.

---

**Haddock**  
*Melanogrammus aeglefinus*

**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**

- **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.

---

**Haddock**  
*Melanogrammus aeglefinus*

**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**

- No additional notes.
**Hogfish**
*Lachnolaimus maximus*
NE Gulf of Mexico
Fishery countries:
U.S.

**Environmental Notes**
- Profile not yet complete.

**General Notes**
- No additional notes.

---

**Indian oil sardine**
*Sardinella longiceps*
Kerala
Fishery countries:
India

**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*
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.
King mackerel
*Scomberomorus cavalla*

Gulf of Mexico
Fishery countries:
U.S.

<table>
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<tbody>
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</table>

**Environmental Notes**
- 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.

Lake whitefish
*Coregonus clupeaformis*

Lake Erie
Fishery countries:
Canada, U.S.

<table>
<thead>
<tr>
<th>Gillnets and entangling nets</th>
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<th>Sustainability not rated</th>
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</table>

**Environmental Notes**
- Profile not yet complete.

**General Notes**
- No additional notes.

Lake whitefish
*Coregonus clupeaformis*

Lake Huron
Fishery countries:
Canada

<table>
<thead>
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</table>

**Environmental Notes**
- Profile not yet complete.

**General Notes**
- No additional 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.

---

Lane snapper
*Lutjanus synagris*

**Eastern Gulf of Mexico**

Fishery countries:
U.S.

**Environmental Notes**
- Profile not yet complete.

**General Notes**
- No additional notes.

---

Lane snapper
*Lutjanus synagris*

**Nicaragua, Panama**

Fishery countries:
Nicaragua, Panama

**Environmental Notes**
- Profile not yet complete.

**General Notes**
- No additional notes.

---

**Lingcod**
*Ophiodon elongatus*

**US Pacific Coast**

**Environmental Notes**
- Profile not yet complete.

**General Notes**
- No additional notes.
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

Longfin squid
*Loligo pealeii*
NW Atlantic
Fishery countries: U.S.

Bottom trawl
Certified

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

Mahi-mahi
*Coryphaena hippurus*
Atlantic
Fishery countries: Brazil, U.S.

Hook and line
Longlines
Not certified or in a FIP
Sustainability not rated

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.
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, 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.

References
Fishery Progress, Ecuador mahi-mahi - longline

---

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
Mahi-mahi
*Coryphaena hippurus*

**Environmental Notes**
- 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.

**Fishery countries:**
- Guatemala

---

Mahi-mahi
*Coryphaena hippurus*

**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.

**Fishery countries:**
- Nicaragua

---

Mahi-mahi
*Coryphaena hippurus*

**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**
- No additional notes.

**Fishery countries:**
- Panama
### Mahi-mahi (Coryphaena hippurus)

#### Eastern Pacific Ocean
- **Fishery countries:** Peru

<table>
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<tr>
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<th>FIP</th>
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<tbody>
<tr>
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</table>

**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)

---

### Mahi-mahi (Coryphaena hippurus)

#### Indian Ocean
- **Fishery countries:** Indonesia

<table>
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<th>Method</th>
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</thead>
<tbody>
<tr>
<td>Longlines</td>
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<td>not rated</td>
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</tbody>
</table>

**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

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### Mahi-mahi (Coryphaena hippurus)

#### Western and Central Pacific
- **Fishery countries:** Indonesia

<table>
<thead>
<tr>
<th>Method</th>
<th>FIP</th>
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</thead>
<tbody>
<tr>
<td>Handlines and pole-lines</td>
<td>Not certified or in a FIP</td>
<td>not rated</td>
</tr>
</tbody>
</table>

**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

* **Scientific Name:** *Lutjanus analis*
* **Geographic Range:** Northern Gulf of Mexico and Western Central Atlantic
* **Fishery Countries:** U.S.
* **Gear Type:** Longlines
* **Certification:** Not certified or in a FIP

**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**
- No additional notes.

### North Pacific hake

* **Scientific Name:** *Merluccius productus*
* **Geographic Range:** NE Pacific
* **Fishery Countries:** U.S.
* **Gear Type:** Midwater trawl
* **Certification:** Certified

**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.

### Northern brown shrimp

* **Scientific Name:** *Penaeus aztecus*
* **Geographic Range:** Northern Gulf of Mexico – Alabama, Louisiana
* **Fishery Countries:** U.S.
* **Gear Type:** Bottom trawl
* **Certification:** Not certified or in a FIP

**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**

- **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.

---

**Northern brown shrimp** *(Penaeus aztecus)*

**Northern Gulf of Mexico – Texas**

**Fishery countries:**

**U.S.**

<table>
<thead>
<tr>
<th>Fishing Method</th>
<th>FIP</th>
<th>Sustainability</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bottom trawl</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FIP</td>
<td></td>
<td></td>
</tr>
<tr>
<td>NOAA FSSI 4</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FishSource</td>
<td>Well Managed</td>
<td></td>
</tr>
</tbody>
</table>

**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

---

**Northern pink shrimp** *(Penaeus duorarum)*

**Northern Gulf of Mexico**

**Fishery countries:**

**U.S.**

<table>
<thead>
<tr>
<th>Fishing Method</th>
<th>FIP</th>
<th>Sustainability</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bottom trawl</td>
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<tr>
<td>FIP</td>
<td></td>
<td></td>
</tr>
<tr>
<td>NOAA FSSI 4</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FishSource</td>
<td>Well Managed</td>
<td></td>
</tr>
</tbody>
</table>

**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.

---

**Northern quahog** *(Mercenaria mercenaria)*

**US NW Atlantic Coast**

<table>
<thead>
<tr>
<th>Fishing Method</th>
<th>Not certified or in a FIP</th>
<th>Sustainability</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dredge</td>
<td></td>
<td>not rated</td>
</tr>
<tr>
<td>Rake / hand</td>
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<td></td>
</tr>
<tr>
<td>gathered / hand netted</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**FishSource**

Well Managed

NOAA FSSI

4
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
- No additional notes

Northern red snapper
*Lutjanus campechanus*
Mexico Gulf of Mexico

Fishery countries:
- Mexico

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
- No additional notes

Northern red snapper
*Lutjanus campechanus*
Northern Gulf of 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
- No additional notes

FishSource
- Needs Improvement

NOAA FSSI
- 3

FishSource
- Well Managed
Northern white shrimp
*Penaeus setiferus*

Northern Gulf of Mexico - Alabama, Florida
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**
- No additional notes

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**References**

Fishery Progress, US Texas shrimp - otter trawl

---

Northern white shrimp
*Penaeus setiferus*

Northern Gulf of 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**

---

Northern white shrimp
*Penaeus setiferus*

NW Atlantic - Florida
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 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, US Federal
- **Fishery countries**: U.S.
- **Fishery**: Bottom trawl
- **Certification**: Not certified or in a FIP
- **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
- **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.

### Octopuses nei
*Octopus spp.*

- **Thai waters**
- **Fishery countries**: Thailand
- **Fishery**: Pots and traps
- **Certification**: Not certified or in a FIP
- **Sustainability**: Not rated

Environmental Notes
- Profile not yet complete.

General Notes
- **No additional notes**

### Opah
*Coryphaena hippurus*

- **Pacific Ocean**
- **Fishery countries**: U.S.
- **Fishery**: Longlines
- **Certification**: FIP
- **Sustainability**: Not rated
Environmental Notes
- Profile not yet complete.

General Notes

References
Fishery Progress, Hawaii tuna and large pelagics - longline

Orange roughy
*Hoplostethus atlanticus*

Challenger Plateau
Fishery countries:
- New Zealand

Environmental Notes
- This fishery is believed to have minimal 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.

Orange roughy
*Hoplostethus atlanticus*

Southern Indian Ocean
Fishery countries:
- Cook Islands

Environmental Notes
- Profile not yet complete.

General Notes
- No additional notes.

Pacific cod
*Gadus macrocephalus*

Eastern Bering Sea
Fishery countries:
- U.S.

Environmental Notes
- Profile not yet complete.

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.
- 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.

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**Pacific halibut**  
Hippoglossus stenolepis  
NE Pacific – Alaska  
Fishery countries:  
U.S.

**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

---

**Patagonian scallop**  
Zygochlamys patagonica  
Argentine  
Fishery countries:  
Argentina

**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.

Patagonian toothfish
Dissostichus eleginoides
Southern Indian Ocean - Heard Island and McDonald Islands
Fishery countries:
Australia

Environmental Notes
• Profile not yet complete.

General Notes
• No additional notes.

Petrale sole
Eopsetta jordani
US west coast
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
• 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.
Pink cusk-eel
Genypterus blacodes
Panama Pacific Coast
Fishery countries: Panama

Environmental Notes
- Profile not yet complete.

General Notes
- No additional notes.

Queen conch
Strombus gigas
Honduras
Fishery countries: Honduras

<table>
<thead>
<tr>
<th>Method</th>
<th>Certification Status</th>
<th>Sustainability Rating</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rake/hand gathered/hand netted</td>
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<td>Not rated</td>
</tr>
</tbody>
</table>

Environmental Notes
- Profile not yet complete.

General Notes
- No additional notes.

Queen crab
Chionoecetes opilio
NW Atlantic - Estuary 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
- No additional notes.
**Queen crab**  
*Chionoecetes opilio*  
NW Atlantic – S 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
- No additional notes

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**Rainbow smelt**  
*Osmerus mordax*  
Eastern New Brunswick  
Fishery countries: Canada

### 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

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**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
### Rainbow trout
*Oncorhynchus mykiss*

**Columbia and Fraser Rivers**

- **Fishery countries:** U.S.
- **Gillnets and entangling nets**
- **Not certified or in a FIP**
- **Sustainability not rated**

#### Environmental Notes
- Profile not yet complete.

#### General Notes
- No additional notes.

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### Red grouper
*Epinephelus morio*

**Gulf of Mexico and NW Atlantic - Northern Gulf of Mexico**

- **Fishery countries:** U.S.
- **Longlines**
- **Not certified or in a FIP**

#### 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.

---

### Red grouper
*Epinephelus morio*

**Gulf of Mexico and NW Atlantic - NW Atlantic**

- **Fishery countries:** U.S.
- **Hook and line**
- **Not certified or in a FIP**

#### Environmental Notes
- 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.
Red king crab
*Paralithodes camtschaticus*

Bristol Bay
Fishery countries: U.S.

<table>
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<tr>
<th>Pots and traps</th>
<th>Certified</th>
<th>FishSource: Well Managed</th>
<th>NOAA FSSI: 4</th>
</tr>
</thead>
</table>

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
- 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.
- This fishery is certified through the Alaska Responsible Fisheries Management (RFM) Program.

References
- Alaska Seafood Marketing Institute, RFM Certification: Alaska Crab

Red porgy
*Pagrus pagrus*

NW Atlantic
Fishery countries: U.S.

<table>
<thead>
<tr>
<th>Hook and line</th>
<th>Not certified or in a FIP</th>
<th>Sustainability not rated</th>
</tr>
</thead>
</table>

Environmental Notes
- Profile not yet complete.

General Notes
- No additional notes.

Red swamp crawfish
*Procambarus clarkii*

Louisiana territorial sea
Fishery countries: U.S.

<table>
<thead>
<tr>
<th>Pots and traps</th>
<th>Not certified or in a FIP</th>
<th>Sustainability not rated</th>
</tr>
</thead>
</table>

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.

Round sardinella

* Sardinella aurita

NW Africa – Morocco

Fishery countries:
European Union

Environmental Notes

- Profile not yet complete.

General Notes

- No additional notes.

Sablefish

* Anoplopoma fimbria

Alaska

Fishery countries:
U.S.

Environmental Notes

- Profile not yet complete.

General Notes

- No additional notes

Sablefish

* Anoplopoma fimbria

British Columbia

Fishery countries:
Canada

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.

**General Notes**

- No additional notes.

### Saithe

*Pollachius virens*

- **Gulf of Maine and Georges Bank**
- **Fishery countries:**
  - U.S.
- **Methods:**
  - Midwater trawl
- **Certification:**
  - Not certified or in a FIP
- **Sustainability:**
  - Not rated

### Sand gaper

*Mya arenaria*

- **CA Atlantic Coast**
- **Fishery countries:**
  - Canada, U.S.
- **Methods:**
  - Rake / hand gathered / hand netted
- **Certification:**
  - Not certified or in a FIP
- **Sustainability:**
  - Not rated

**Environmental Notes**

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

**General Notes**

- No additional notes.

### Sand gaper

*Mya arenaria*

- **US Atlantic Coast**
- **Fishery countries:**
  - U.S.
- **Methods:**
  - Rake / hand gathered / hand netted
- **Certification:**
  - Not certified or in a FIP
- **Sustainability:**
  - Not rated

**Environmental Notes**

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

**General Notes**

- No additional notes.
**Scads nei**  
*Decapterus spp*  
US Gulf of Mexico  
Fishery countries: U.S.  
- Seine nets  
- Not certified or in a FIP  
- Sustainability not rated

**Environmental Notes**  
- Profile not yet complete

**General Notes**  
- No additional notes

**Scaled herring**  
*Harengula jaguana*  
Florida waters  
Fishery countries: U.S.  
- Seine nets  
- Not certified or in a FIP  
- Sustainability not rated

**Environmental Notes**  
- Profile not yet complete

**General Notes**  
- No additional notes

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

**Environmental Notes**  
- Profile not yet complete

**General Notes**  
- No additional notes
<table>
<thead>
<tr>
<th>Fish species</th>
<th>Fishery regions</th>
<th>Fishery method</th>
<th>Certification status</th>
<th>Sustainability rating</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sheepshead (Archosargus probatocephalus)</td>
<td>US Gulf of Mexico</td>
<td>Handlines and pole-lines</td>
<td>Not certified or in a FIP</td>
<td>Sustainability not rated</td>
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</tbody>
</table>

Environmental Notes
- Profile not yet complete.

General Notes
- No additional notes.

<table>
<thead>
<tr>
<th>Fish species</th>
<th>Fishery regions</th>
<th>Fishery method</th>
<th>Certification status</th>
<th>Sustainability rating</th>
</tr>
</thead>
<tbody>
<tr>
<td>Shortfin mako (Isurus oxyrinchus)</td>
<td>North Pacific</td>
<td>Longlines</td>
<td>Not certified or in a FIP</td>
<td>Sustainability not rated</td>
</tr>
</tbody>
</table>

Environmental Notes
- Profile not yet complete.

General Notes
- No additional notes.

<table>
<thead>
<tr>
<th>Fish species</th>
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</thead>
<tbody>
<tr>
<td>Shortfin mako (Isurus oxyrinchus)</td>
<td>US Atlantic</td>
<td>Longlines</td>
<td>Not certified or in a FIP</td>
<td>Sustainability not rated</td>
</tr>
</tbody>
</table>

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.

<table>
<thead>
<tr>
<th>Fish species</th>
<th>Fishery regions</th>
<th>Fishery method</th>
<th>Certification status</th>
<th>Sustainability rating</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hook and line</td>
<td>Mexico</td>
<td>Hook and line</td>
<td>Not certified or in a FIP</td>
<td>Sustainability not rated</td>
</tr>
</tbody>
</table>
**Silk snapper**  
*Lutjanus vivanus*  
Mexico Gulf of Mexico  
Fishery countries:  
Mexico

**Environmental Notes**
- 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

**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**
- No additional notes
**Sockeye salmon**
*Oncorhynchus nerka*

Alaska - Bristol Bay, Cook Inlet, 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

**Southern flounder**
*Paralichthys lethostigma*

Western Central Atlantic

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
### Southern red snapper
*Lutjanus purpureus*

**Fishery countries:** Suriname

**Environmental Notes**
- Profile not yet complete.

**General Notes**
- No additional notes.

**Sustainability:** Not certified or in a FIP

### Speckled hind
*Epinephelus drumondhayi*

**Fishery countries:** U.S.

**Environmental Notes**
- Profile not yet complete.

**General Notes**
- No additional notes.

**Sustainability:** Not certified or in a FIP

### Spinycheek grouper
*Epinephelus diacanthus*

**Fishery countries:** India

**Environmental Notes**
- Profile not yet complete.

**General Notes**
- No additional notes.

**Sustainability:** Not certified or in a FIP

**FishSource**
Needs Improvement
Spot croaker
Leiostomus xanthurus
NW Atlantic Central
Fishery countries: U.S.

Gillnets and entangling nets
Not certified or in a FIP
Sustainability not rated

Environmental Notes
Profile not yet complete.

General Notes
No additional notes.

Spotted rose snapper
Lutjanus guttatus
Costa Rica Pacific
Fishery countries: Costa Rica

Longlines
Not certified or in a FIP
Sustainability not rated

Environmental Notes
Profile not yet complete.

General Notes
No additional notes.

Spotted weakfish
Cynoscion nebulosus
North Carolina and Virginia, NE Florida, SE Florida
Fishery countries: U.S.

Handlines and pole-lines
Not certified or in a FIP
Sustainability not rated

Environmental Notes
Profile not yet complete.

General Notes
No additional notes.
### Striped Bass
**Morone saxatilis**

- **US Atlantic**
- **Fishery countries:** U.S.
- **Hook and line**
- **Environmental Notes:** Profile not yet complete.
- **General Notes:** No additional notes.

### Swordfish
**Xiphias gladius**

- **Indian Ocean**
- **Fishery countries:** Indonesia
- **Longlines**
- **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.
  - 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**

- **Northeast Pacific**
- **Fishery countries:** Costa Rica
- **Longlines**
- **Some product from FIP fisheries**
- **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**
**Swordfish**
*Xiphias gladius*

**North Atlantic**
Fishery countries: Canada, Spain, U.S.

**FishSource**
Needs Improvement

<table>
<thead>
<tr>
<th>Method</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>Longlines</td>
<td>Not certified or in a FIP</td>
</tr>
<tr>
<td>Managed</td>
<td></td>
</tr>
</tbody>
</table>

**Environmental Notes**
- Profile not yet complete.

**General Notes**
- No additional notes.

---

**Swordfish**
*Xiphias gladius*

**Northeast Pacific**
Fishery countries: Ecuador

**FishSource**
Needs Improvement

<table>
<thead>
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<tr>
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</tbody>
</table>

**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**
*Xiphias gladius*

**Southwest Pacific**
Fishery countries: Vietnam

**FishSource**
Managed

<table>
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<tr>
<td>Longlines</td>
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</tbody>
</table>

**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.
Vermilion snapper
*Rhomboplites aurorubens*

**Gulf of Mexico and Western Central Atlantic**

**Fishery countries:**
- U.S.

**Handlines and pole-lines**
- Not certified or in a FIP

**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

Wahoo
*Acanthocybium solandri*

**Pacific Ocean**

**Fishery countries:**
- Costa Rica, Ecuador

**Longlines**
- Not certified or in a FIP

**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.

Walleye
*Sander vitreus*

**Lake Erie western and central**

**Fishery countries:**
- Canada

**Gillnets and entangling nets**
- Certified

**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

Warty swimming crab
Portunus haanii
Vietnam

Fishery countries:
Vietnam

Pots and traps
Not certified or in a FIP
Sustainability not rated

Environmental Notes
- Profile not yet complete.

General Notes
- No additional notes

White hake
Urophycis tenuis
Gulf of Maine and Georges Bank
U.S.

Fishery countries:
U.S.

Bottom trawl
Not certified or in a FIP
Sustainability not rated

Environmental Notes
- Profile not yet complete.

General Notes
- No additional notes

White perch
Morone americana
Lake Erie
Canada

Fishery countries:
Canada

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.
- Bycatch is a risk for this fishery, but there is insufficient data available to assess significance.
- Profile not yet complete.

General Notes
Whiteleg shrimp
*Penaeus vannamei*

**Fishery countries:**
Mexico

**Environmental 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.

---

Winter skate
*Raja ocellata*

**Fishery countries:**
U.S.

**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.

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Widow rockfish
*Sebastes entomelas*

**Fishery countries:**
U.S.

**Environmental Notes**
- Profile not yet complete.

**General Notes**
- No additional notes.
### Winter skate
*Raja ocellata*

NW Atlantic

Fishery countries: U.S.

<table>
<thead>
<tr>
<th>Fishing Methods</th>
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</tr>
</thead>
<tbody>
<tr>
<td>Bottom trawl</td>
<td>Not certified or in a FIP</td>
</tr>
<tr>
<td>Gillnets and entangling nets</td>
<td>FishSource Well Managed</td>
</tr>
</tbody>
</table>

**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.

### Yellowedge grouper
*Epinephelus flavolimbatus*

Northern Gulf of Mexico

Fishery countries: U.S.

<table>
<thead>
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</thead>
<tbody>
<tr>
<td>Hook and line</td>
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</tr>
<tr>
<td>Longlines</td>
<td>FishSource Managed</td>
</tr>
</tbody>
</table>

**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**
- No additional notes.

### Yellowfin tuna
*Thunnus albacares*

Atlantic

Fishery countries: Brazil, Panama, Trinidad and Tobago, U.S.

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</table>

**Environmental Notes**
- No additional 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.

General Notes
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)

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.
- 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)
Fishery countries:
Ecuador

Environmental Notes

- 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*

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

FishSource
Needs Improvement

Yellowfin tuna
*Thunnus albacares*

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

FishSource
Managed

Hook and line

FishSource
Managed
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
### Yellowtail snapper

**Ocyurus chrysurus**

**Honduras Western Central Atlantic**

Fishery countries: Honduras

| Hook and line | Not certified or in a FIP | Sustainability not rated |

### Environmental Notes

- Profile not yet complete.

### General Notes

- No additional notes.

### Yellowtail snapper

**Ocyurus chrysurus**

**Mexico - Southern Gulf of Mexico**

Fishery countries: Mexico

| Hook and line | Not certified or in a FIP | FishSource Needs Improvement |

### 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

- No additional notes

### Yellowtail snapper

**Ocyurus chrysurus**

**Northern Gulf of Mexico and Western Central Atlantic**

Fishery countries: U.S.

| Hook and line | Not certified or in a FIP | FishSource Well Managed |

### 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.
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2017

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2019

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