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 1,100 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. 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.

http://sustainability.publix.com
http://sustainability.publix.com/meat_seafood/seafood-sustainability-program

Associated Fisheries
<table>
<thead>
<tr>
<th>Fishery Name and Location</th>
<th>Fishing Methods</th>
<th>Certification or FIP</th>
<th>Stock Status and Management</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Acadian redfish</strong></td>
<td>Bottom trawl</td>
<td>Certified</td>
<td>Well managed</td>
<td></td>
</tr>
</tbody>
</table>

**Environmental Notes**
- 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**

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

**Reference**

<table>
<thead>
<tr>
<th>Fishery Name and Location</th>
<th>Fishing Methods</th>
<th>Certification or FIP</th>
<th>Stock Status and Management</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Alaska pollock</strong></td>
<td>Midwater trawl</td>
<td>Certified</td>
<td>Well managed</td>
<td></td>
</tr>
</tbody>
</table>

**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, but occasional impacts may occur.

**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.
### American Angler

**Lophius americanus**  
**US North Atlantic North**  
**Fishery countries:** U.S.

<table>
<thead>
<tr>
<th>Bottom trawl</th>
<th>Not certified or in a FIP</th>
<th>Well managed</th>
</tr>
</thead>
</table>

**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, but occasional impacts may occur.

**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.

### American Cupped Oyster

**Crasostrea virginica**  
**S Gulf of St. Lawrence**  
**Fishery countries:** Canada

<table>
<thead>
<tr>
<th>Rake / hand gathered / hand netted</th>
<th>Not certified or in a FIP</th>
<th>Managed</th>
</tr>
</thead>
</table>

**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**

- No additional notes

### American Lobster

**Homarus americanus**  
**Georges Bank and Nova Scotia offshore**  
**Fishery countries:** U.S.

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

**Environmental Notes**

- This fishery has no impact on PET species.
- There is no risk of bycatch for this fishery.
- This fishery is unlikely to have a significant impact on the sea bed.

**General Notes**

- No additional 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.

### American Lobster
- **Homarus americanus**
- **Gulf of Maine and Georges Bank**
- **Fishery countries:** U.S.

<table>
<thead>
<tr>
<th>Pots and traps</th>
<th>Some product from certified fisheries</th>
<th>Well managed</th>
</tr>
</thead>
</table>

**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 Lobster
- **Homarus americanus**
- **Gulf of St. Lawrence South**
- **Fishery countries:** Canada

<table>
<thead>
<tr>
<th>Pots and traps</th>
<th>Certified</th>
<th>Well managed</th>
</tr>
</thead>
</table>

**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**
- **Newfoundland**
- **Fishery countries:** Canada

<table>
<thead>
<tr>
<th>Pots and traps</th>
<th>Not certified or in a FIP</th>
<th>Profile not yet complete</th>
</tr>
</thead>
</table>

**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

**Other ratings**
Seafood Watch categorises Atlantic lobster caught in Canada with traps and pots as a "Good Alternative", with a rating of ‘Moderate concern’ for the status of the stock and 'Moderate concern' for management effectiveness.

Ocean Wise categorises American lobster caught in Canada – Atlantic with pots/traps as "Not Recommended."

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

**Reference**
Seafood Watch, 2006, Canada American Lobster Seafood Watch Report
Ocean Wise Seafood Program, Lobster
Safina Center, 2014, American lobster 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

- No additional notes.

### Table

<table>
<thead>
<tr>
<th>Fishery</th>
<th>Method</th>
<th>Certification</th>
<th>Management Status</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>American Lobster</strong></td>
<td>Homarus americanus</td>
<td>South Shore Nova Scotia</td>
<td>Canada</td>
<td>Pots and traps</td>
</tr>
<tr>
<td><strong>American Lobster</strong></td>
<td>Homarus americanus</td>
<td>Southern New England/Mid Atlantic</td>
<td>U.S.</td>
<td>Pots and traps</td>
</tr>
<tr>
<td><strong>American Lobster</strong></td>
<td>Homarus americanus</td>
<td>Canada</td>
<td></td>
<td>Pots and traps</td>
</tr>
</tbody>
</table>
### Environmental Notes
- This fishery is unlikely to impact PET species. The risk to marine mammals or 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
SAL Global, MSC Assessment for Bay of Fundy, Scotian Shelf and Southern Gulf of St. Lawrence Lobster (Homarus americanus) Trap Fisheries - Public Certification Report, 2015

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### American sea scallop
*Placopecten magellanicus*

#### Eastern Georges Bank

**Fishery countries:**
- Canada

<table>
<thead>
<tr>
<th>Method</th>
<th>Certification</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dredge</td>
<td>Certified</td>
<td>Well managed</td>
</tr>
</tbody>
</table>

### 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 tinfish is included in groundfish quotas.
- Dredges will directly 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
Seafood Watch, 2011: Canada Atlantic Sea Scallop Seafood Watch Report

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### Argentine red shrimp
*Pleoticus muelleri*

#### Patagonian

**Fishery countries:**
- Argentina

<table>
<thead>
<tr>
<th>Method</th>
<th>Some product from FIP fisheries</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bottom trawl</td>
<td>Managed</td>
<td></td>
</tr>
</tbody>
</table>

### Environmental Notes
- There are potential risks to sharks with this fishery.
- Bycatch is a significant risk for this fishery.
- Bottom trawls will directly impact on the sea bed.

### General Notes
- No additional notes.
<table>
<thead>
<tr>
<th><strong>Atlantic cod</strong></th>
<th><strong>Gadus morhua</strong></th>
<th><strong>Barents Sea</strong></th>
<th><strong>Fishery countries:</strong></th>
<th><strong>Russia</strong></th>
<th><strong>Bottom trawl</strong></th>
<th><strong>Certified</strong></th>
<th><strong>Well managed</strong></th>
<th><strong>Environmental Notes</strong></th>
<th><strong>General Notes</strong></th>
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</thead>
<tbody>
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<td></td>
<td>No additional notes.</td>
</tr>
</tbody>
</table>

- There are potential risks to PET species with this fishery, but mitigation actions are underway.  
- Bycatch is a risk for this fishery, but there are mitigation measures in place.  
- Bottom trawls will directly impact on the sea bed.

<table>
<thead>
<tr>
<th><strong>Atlantic cod</strong></th>
<th><strong>Gadus morhua</strong></th>
<th><strong>Eastern Scotian shelf</strong></th>
<th><strong>Fishery countries:</strong></th>
<th><strong>Canada</strong></th>
<th><strong>Long line</strong></th>
<th><strong>Not certified or in a FIP</strong></th>
<th><strong>Needs improvement</strong></th>
<th><strong>Environmental Notes</strong></th>
<th><strong>General Notes</strong></th>
</tr>
</thead>
<tbody>
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<td></td>
<td>No additional notes.</td>
</tr>
</tbody>
</table>

- There is a potential 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 very low bycatch for this fishery.  
- This fishery is unlikely to have a significant impact on the sea bed.

<table>
<thead>
<tr>
<th><strong>Atlantic cod</strong></th>
<th><strong>Gadus morhua</strong></th>
<th><strong>Georges Bank</strong></th>
<th><strong>Fishery countries:</strong></th>
<th><strong>U.S.</strong></th>
<th><strong>Bottom trawl</strong></th>
<th><strong>Not certified or in a FIP</strong></th>
<th><strong>Needs improvement</strong></th>
<th><strong>Environmental Notes</strong></th>
<th><strong>General Notes</strong></th>
</tr>
</thead>
<tbody>
<tr>
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<td></td>
<td></td>
<td>No additional notes.</td>
</tr>
</tbody>
</table>

- 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.

<table>
<thead>
<tr>
<th><strong>Atlantic cod</strong></th>
<th><strong>Gadus morhua</strong></th>
<th><strong>Saline nats</strong></th>
<th><strong>Fishery countries:</strong></th>
<th><strong>Certified</strong></th>
<th><strong>Well managed</strong></th>
<th><strong>Environmental Notes</strong></th>
<th><strong>General Notes</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>No additional notes.</td>
</tr>
</tbody>
</table>
### 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.

### Atlantic cod
**Gadus morhua**
**Norwegian coastal**
**Fishery countries:**
- Norway

<table>
<thead>
<tr>
<th>Gear Type</th>
<th>Certification</th>
<th>Management Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>Midwater trawl</td>
<td>Certified</td>
<td>Well managed</td>
</tr>
</tbody>
</table>

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

### General Notes
- No additional notes.

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

<table>
<thead>
<tr>
<th>Gear Type</th>
<th>Certification</th>
<th>Management Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bottom trawl</td>
<td>Not certified or in a FIP</td>
<td>Needs improvement</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Gear Type</th>
<th>Certification</th>
<th>Management Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bottom trawl</td>
<td>Certified</td>
<td>Well managed</td>
</tr>
</tbody>
</table>

- Gillnets and entangling nets
- Long line
- Handlines and pole-and-line
### 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.

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<table>
<thead>
<tr>
<th>Atlantic silverside</th>
</tr>
</thead>
<tbody>
<tr>
<td><em>Melandra mendota</em></td>
</tr>
<tr>
<td>Prince Edward Island</td>
</tr>
<tr>
<td>Fishery countries: Canada</td>
</tr>
</tbody>
</table>

- Seine nets
- Not certified or in a FIP
- Profile not yet complete

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### Environmental Notes
- Profile not yet complete.

### General Notes
- No additional notes.

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<table>
<thead>
<tr>
<th>Atlantic wolffish</th>
</tr>
</thead>
<tbody>
<tr>
<td><em>Anarrhichthys ocellatus</em></td>
</tr>
<tr>
<td>Icelandic</td>
</tr>
<tr>
<td>Fishery countries: Iceland</td>
</tr>
</tbody>
</table>

- Seine nets
- Long line
- Handlines and pole-lines
- Not certified or in a FIP
- Needs improvement

---

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

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<table>
<thead>
<tr>
<th>Black stone crab</th>
</tr>
</thead>
<tbody>
<tr>
<td><em>Menippe mercenaria</em></td>
</tr>
<tr>
<td>Florida</td>
</tr>
<tr>
<td>Fishery countries: U.S.</td>
</tr>
</tbody>
</table>

- Pots and traps
- Not certified or in a FIP
- Managed

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### 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

Other ratings
Seafood Watch categorises Florida stone crab caught in the U.S. Atlantic and U.S. Gulf of Mexico with pots as "Best Choice", with a score for Criterion 1: Target Species of 3.05 and a score for Criterion 3: Management of 3.00.

Ocean Wise categorises stone crab caught in the U.S. Atlantic and U.S. Gulf of Mexico with traps as "Recommended."

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

References
Ocean Wise Seafood Program, Stone Crab

<table>
<thead>
<tr>
<th>Blacktip shark</th>
<th>- Long line</th>
<th>Not certified or in a FIP</th>
<th>Managed</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Carcharhinus limbatus</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Gulf of Mexico</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fishery countries:</td>
<td>U.S.</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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

General Notes
- No additional notes.

<table>
<thead>
<tr>
<th>Blue mussel</th>
<th>- Dredge</th>
<th>Not certified or in a FIP</th>
<th>Needs improvement</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Mytilus edulis</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Gulf of Maine</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fishery countries:</td>
<td>U.S.</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Environmental Notes
- This fishery is unlikely to impact PEL species.
- Bycatch for this fishery is considered low.
- Dredges will directly impact on the sea bed.

General Notes

Other ratings
Seafood Watch categorises blue mussel caught in Maine with dredges as a "Good alternative", with a score for Criterion 1: Target Species of 2.64 and a score for Criterion 3: Management of 3.00.

Ocean Wise - Recommended

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

References
Seafood Watch, 2017. Blue Mussel Seafood Watch Report
<table>
<thead>
<tr>
<th>Species</th>
<th>Fishing Gear</th>
<th>Certification</th>
<th>Management Status</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Blue squat lobster</td>
<td>Bottom trawl</td>
<td>Certified</td>
<td>Well managed</td>
<td>Profile not yet complete.</td>
</tr>
<tr>
<td>Chilean northern</td>
<td></td>
<td></td>
<td></td>
<td>No additional notes.</td>
</tr>
<tr>
<td>Fishery countries: Chile</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Blue swimming crab</td>
<td>Bottom trawl, Seine nets, Gillnets and entangling nets, Pots and traps</td>
<td>FIP</td>
<td>Needs improvement</td>
<td>There are risks to marine mammals with this fishery. Bycatch varies for this fishery depending on gear type. Trawls and gillnets tend to be the most indiscriminate while crab pots are very selective. The impact depends on the gear type. Bottom trawls will have the greatest impact on the sea bed. No additional notes.</td>
</tr>
<tr>
<td>Philippines</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fishery countries: Philippines</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Blue swimming crab</td>
<td>Gillnets and entangling nets, Pots and traps</td>
<td>FIP</td>
<td>Needs improvement</td>
<td>There are risks to sea turtles with this fishery. There is bycatch for this fishery but non-target species are retained. Habitat impacts in this fishery are not well understood. No additional notes.</td>
</tr>
<tr>
<td>Vietnam</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fishery countries: Vietnam</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Chilean mussel</td>
<td>Miscellaneous</td>
<td>Certified</td>
<td>Well managed</td>
<td></td>
</tr>
<tr>
<td>Chilean Region X</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
### 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.

### Chinook salmon
- *Oncorhynchus tshawytscha*
- **Fishery countries:** U.S.
- **Alaska - Bristol Bay**
- **Environmental Notes**
  - Gillnets and entangling nets
- **Certified**
- **Well managed**

### Chum salmon
- *Oncorhynchus keta*
- **Fishery countries:** U.S.
- **Alaska - Alaska Peninsula, Aleutian Island, and Chignik**
- **Environmental Notes**
  - Gillnets and entangling nets
- **Certified**
- **Well managed**

### Cobia
- *Rachycentron canadum*
- **Fishery countries:** U.S. Atlantic South
- **Environmental Notes**
- **Not certified or in a FIP**
- **Well managed**

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

### References
### Environmental Notes
- This fishery is unlikely to impact PET species.
- This fish is caught as a bycatch species.
- 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

### Table

<table>
<thead>
<tr>
<th>Fishery countries:</th>
<th>Coho salmon</th>
<th>Environmental Notes</th>
<th>General Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>U.S.</td>
<td>Alaska - Annette Islands Reserve</td>
<td>Gillnets and entangling nets, Long line</td>
<td>Certified</td>
</tr>
<tr>
<td>U.S.</td>
<td>Alaska - Bristol Bay</td>
<td>Gillnets and entangling nets</td>
<td>Well managed</td>
</tr>
</tbody>
</table>

### 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
<table>
<thead>
<tr>
<th>Coho salmon</th>
<th>Long line</th>
<th>Certified</th>
<th>Well managed</th>
</tr>
</thead>
<tbody>
<tr>
<td><em>Oncorhynchus kisutch</em></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Alaska - Southeast Alaska</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fishery countries: U.S.</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Environmental Notes
- This fishery is unlikely to impact PET species.
- There is a potential for bycatch of chinook salmon with this fishery.
- This fishery is unlikely to have a significant impact on the sea bed.

General Notes
- No additional notes.

<table>
<thead>
<tr>
<th>Dot dash grouper</th>
<th>Handlines and pole-lines</th>
<th>FIP</th>
<th>Profile not yet complete</th>
</tr>
</thead>
<tbody>
<tr>
<td><em>Epinephelus polopenotus</em></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Aru Bay, Arafura Sea and Eastern of Timor Sea</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fishery countries: Indonesia</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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.

<table>
<thead>
<tr>
<th>Dot dash grouper</th>
<th>Long line</th>
<th>FIP</th>
<th>Profile not yet complete</th>
</tr>
</thead>
<tbody>
<tr>
<td><em>Epinephelus polopenotus</em></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Southern Java to Western of Timor Sea</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fishery countries: Indonesia</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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.
<table>
<thead>
<tr>
<th>Species</th>
<th>Fishing Method</th>
<th>Certification Status</th>
<th>Management Status</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Dover sole</strong></td>
<td>Bottom trawl</td>
<td>Not certified or in a FIP</td>
<td>Managed</td>
</tr>
<tr>
<td>US Pacific Coast</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fishery countries:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>European plaice</strong></td>
<td>Bottom trawl</td>
<td>Not certified or in a FIP</td>
<td>Managed</td>
</tr>
<tr>
<td>Icelandic</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fishery countries:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Greenland halibut</strong></td>
<td>Bottom trawl, Gillnets and entangling nets, Long line</td>
<td>Not certified or in a FIP</td>
<td>Profile not yet complete</td>
</tr>
<tr>
<td>NE Atlantic / S stock</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fishery countries:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Gulf wahoo</strong></td>
<td>Hook and line</td>
<td>Not certified or in a FIP</td>
<td>Profile not yet complete</td>
</tr>
<tr>
<td>Panama</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fishery countries:</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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

**General Notes**
- No additional notes.

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

### General Notes
- No additional notes.

<table>
<thead>
<tr>
<th>Species</th>
<th>Fishing Gear</th>
<th>Certification Status</th>
<th>Analysis Notes</th>
</tr>
</thead>
</table>
| **Gulf weakfish**  
*Cynoscion anthonyanus*  
Ecuador  
Fishery countries: Ecuador | Hook and line | Not certified or in a FIP | Profile not yet complete |
| **Haddock**  
*Melanogrammus aeglefinus*  
Barents Sea  
Fishery countries: Norway | Bottom trawl  
Seine nets  
 Gillnets and entangling nets  
Hook and line  
Long line | Certified | Well managed |
| **Haddock**  
*Melanogrammus aeglefinus*  
Eastern Scotian Shelf  
Fishery countries: Canada | Bottom trawl | Not certified or in a FIP | Needs improvement |

### Environmental Notes
- This fishery is unlikely to impact PET species, but available data is still limited.
- Bycatch varies for this fishery depending on gear type. Long lines and gillnets present the greatest risk.
- Bottom trawls will directly impact the sea bed. An MSC condition is in place to strengthen understanding of fishery interactions with sensitive habitat.

### General Notes
- No additional notes.
<table>
<thead>
<tr>
<th>Haddock</th>
<th>Method</th>
<th>Certification</th>
<th>Status</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Melanogrammus aeglefinus</td>
<td>Long line</td>
<td>Not certified or in a FIP</td>
<td>Managed</td>
<td>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: No additional notes.</td>
</tr>
<tr>
<td>Melanogrammus aeglefinus</td>
<td>Bottom trawl</td>
<td>Not certified or in a FIP</td>
<td>Managed</td>
<td>Environmental Notes: This fishery is unlikely to impact PET species. Bycatch is a significant risk for this fishery. Bottom trawls will directly impact on the sea bed. General Notes: No additional notes.</td>
</tr>
<tr>
<td>Melanogrammus aeglefinus</td>
<td>Seine nets, Gillnets and entangling nets, Hook and line, Long line</td>
<td>Certified</td>
<td>Well managed</td>
<td>Environmental Notes: This fishery is unlikely to impact PET species. 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 is considered low. Bottom trawls will directly impact on the sea bed. General Notes: No additional notes.</td>
</tr>
<tr>
<td>Fishery Name</td>
<td>Gear</td>
<td>Certification Status</td>
<td>Management Status</td>
<td></td>
</tr>
<tr>
<td>------------------------------</td>
<td>-------------------------------------------</td>
<td>-------------------------------</td>
<td>-------------------</td>
<td></td>
</tr>
<tr>
<td>King mackerel</td>
<td>Hook and line</td>
<td>Not certified or in a FIP</td>
<td>Managed</td>
<td></td>
</tr>
</tbody>
</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.

<table>
<thead>
<tr>
<th>Fishery Name</th>
<th>Gear</th>
<th>Certification Status</th>
<th>Management Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>Longfin squid</td>
<td>Bottom trawl, pots and traps, miscellaneous</td>
<td>Not certified or in a FIP</td>
<td>Managed</td>
</tr>
</tbody>
</table>

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

**General Notes**
- No additional notes.

<table>
<thead>
<tr>
<th>Fishery Name</th>
<th>Gear</th>
<th>Certification Status</th>
<th>Management Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mahi-mahi</td>
<td>Handlines and pole-lines</td>
<td>Not certified or in a FIP</td>
<td>Profile not yet complete</td>
</tr>
</tbody>
</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**
- 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
- No additional notes.

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### 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 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.

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### 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 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.

<table>
<thead>
<tr>
<th>Mahi-mahi</th>
<th>Method</th>
<th>Status</th>
<th>Improvement</th>
</tr>
</thead>
<tbody>
<tr>
<td>Coryphaena hippurus</td>
<td>Handlines and pole-lines</td>
<td>Not certified or in a FIP</td>
<td>Needs improvement</td>
</tr>
<tr>
<td>Eastern Pacific Ocean</td>
<td>Fishery countries: Ecuador</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Mahi-mahi</th>
<th>Method</th>
<th>Status</th>
<th>Improvement</th>
</tr>
</thead>
<tbody>
<tr>
<td>Coryphaena hippurus</td>
<td>Long line</td>
<td>FIP</td>
<td>Needs improvement</td>
</tr>
<tr>
<td>Eastern Pacific Ocean</td>
<td>Fishery countries: Ecuador</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Mahi-mahi</th>
<th>Method</th>
<th>Status</th>
<th>Improvement</th>
</tr>
</thead>
<tbody>
<tr>
<td>Coryphaena hippurus</td>
<td>Long line</td>
<td>FIP</td>
<td>Needs improvement</td>
</tr>
<tr>
<td>Eastern Pacific Ocean</td>
<td>Fishery countries: Guatemala</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### 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.
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
- 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
- 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 turtles and seabirds with this fishery.
- Bycatch is a risk for this fishery but there is insufficient data available to assess significance.
- This fishery is unlikely to have a significant impact on the sea bed.
## General Notes

- No additional notes.

### Mutton snapper

**Lutjanus analis**  
**Northern Gulf of Mexico and Western Central Atlantic**  
Fishery countries: U.S.

- Long line  
- Not certified or in a FIP  
- Well managed

### 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 sponges and deepwater corals.

### General Notes

**Other ratings**  
Seafood Watch categorises mutton snapper caught in the U.S. Gulf of Mexico with bottom longlines as a “Good Alternative”, with a score for Criterion 1: Target Species of 5.00 and a score for Criterion 3: Management of 3.484.

**Caveat**  
The stock status and management rating and environmental notes for this fishery are based on a provisional assessment and are not derived from the FishSource profile.

**References**  
Seafood Watch, 2018, U.S. Gulf of Mexico and Southeast Atlantic Mutton Snapper Seafood Watch Report

### North Pacific hake

**Merluccius productus**  
**NE Pacific**  
Fishery countries: U.S., Canada

- Midwater trawl  
- Certified  
- Well managed

### 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

**Peneaus aztecus**  
**Northern Gulf of Mexico - Texas**  
Fishery countries: U.S.

- Bottom trawl  
- Not certified or in a FIP  
- Well managed

### Other notes:

- No additional notes.
## Environmental Notes
- There is potential for turtle interactions with this fishery, but excluder devices are fitted to nets for protection.
- Bycatch is a risk for this fishery, but there are mitigation measures in place.
- Bottom trawls will directly impact on the sea bed.

## General Notes
- No additional notes.

<table>
<thead>
<tr>
<th>Northern pink shrimp</th>
<th>Bottom trawl</th>
<th>FIP</th>
<th>Well managed</th>
</tr>
</thead>
<tbody>
<tr>
<td>Panulirus argus</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Northern Gulf of Mexico</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fishery countries:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>U.S.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></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
- No additional notes.

<table>
<thead>
<tr>
<th>Northern prawn</th>
<th>Bottom trawl</th>
<th>Certified</th>
<th>Well managed</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pandalus borealis</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Atlantic Canada: SFAs 8-10</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fishery countries:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Canada</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

## Environmental Notes
- There are risks to seabirds with this fishery, but there is insufficient data available to assess significance.
- 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.

<table>
<thead>
<tr>
<th>Northern prawn</th>
<th>Bottom trawl</th>
<th>Certified</th>
<th>Well managed</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pandalus borealis</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Western Greenland</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fishery countries:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Canada</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

## Environmental Notes
- This fishery is unlikely to impact PET species.
## General Notes
- No additional notes.

### Northern quahog
**Mercenaria mercenaria**  
**US NW Atlantic Coast**  
- Dredge  
- Rake / hand gathered / hand netted  
- Not certified or in a FIP  
- Profile not yet complete

### 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**  
**Northern Gulf of Mexico**  
- Handlines and pole-lines  
- Not certified or in a FIP  
- Needs improvement

### 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 white shrimp
**Panaeus semilus**  
**Northern Gulf of Mexico**  
- Bottom trawl  
- FIP  
- Managed

### 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
<table>
<thead>
<tr>
<th>Fishery</th>
<th>Methods</th>
<th>Certification</th>
<th>Management</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Northern white shrimp</td>
<td>Bottom trawl, Pots and traps</td>
<td>Not certified or in a FIP</td>
<td>Managed</td>
<td>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.</td>
</tr>
<tr>
<td>Opalescent inshore squid</td>
<td>Purse seine</td>
<td>Not certified or in a FIP</td>
<td>Managed</td>
<td>Profile not yet complete.</td>
</tr>
<tr>
<td>Orange roughy</td>
<td>Bottom trawl</td>
<td>Certified</td>
<td>Well managed</td>
<td>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.</td>
</tr>
</tbody>
</table>

General Notes:
- No additional notes.
<table>
<thead>
<tr>
<th>Fishery</th>
<th>Management</th>
<th>Status</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Orange roughy, Hoplostethus atlanticus, East and South Chatham Rise</td>
<td>Bottom trawl</td>
<td>Certified</td>
<td>Well managed</td>
</tr>
<tr>
<td>Environmental Notes</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>- This fishery is unlikely to impact PET species.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>- Bycatch for this fishery is considered low.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>- Bottom trawls will directly impact on the sea bed.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>General Notes</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>- No additional notes.</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

| Orange roughy, Hoplostethus atlanticus, Mercury–Colville | Bottom trawl | Not certified or in a FIP | Needs improvement |
| 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. |

<p>| Orange roughy, Hoplostethus atlanticus, NZ East Cape | Bottom trawl | Not certified or in a FIP | Profile not yet complete |
| 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. |</p>
<table>
<thead>
<tr>
<th>Fishery</th>
<th>Bottom Trawl</th>
<th>Certification</th>
<th>Management Status</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>NZ Mid-East Coast</td>
<td>Bottom trawl</td>
<td>FIP</td>
<td>Improvement</td>
<td>This fishery is unlikely to impact PET species. Bycatch is considered low. Bottom trawls will directly impact on the sea bed.</td>
</tr>
<tr>
<td>Orange roughy</td>
<td>Bottom trawl</td>
<td>Certified</td>
<td>Well managed</td>
<td>No additional notes.</td>
</tr>
<tr>
<td>NW Chatham Rise</td>
<td>Bottom trawl</td>
<td>Certified</td>
<td>Well managed</td>
<td>No additional notes.</td>
</tr>
<tr>
<td>Pacific halibut</td>
<td>Long line</td>
<td>Certified</td>
<td>Well managed</td>
<td>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.</td>
</tr>
<tr>
<td>Pacific halibut</td>
<td>Long line</td>
<td>Certified</td>
<td>Well managed</td>
<td>No additional notes.</td>
</tr>
</tbody>
</table>
### 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.

### Pacific ocean perch
- **Sebastes atimus**
  - **West coast of Vancouver Island**
  - **Fishery countries:** Canada
  - **Method:** Bottom trawl
  - **Status:** Not certified or in a FIP
  - **Management:** Managed

### Environmental Notes
- This fishery is unlikely to impact PET species - risks to rock fish are managed.
- Bycatch for this fishery is considered low.
- Bottom trawls will directly impact on the sea bed.

### General Notes
- No additional notes.

### Patagonian scallop
- **Zygochlamys patagonica**
  - **Argentina**
  - **Fishery countries:** Argentina
  - **Method:** Bottom trawl
  - **Status:** Certified
  - **Management:** Well managed

### 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

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

#### References
*Organizacion Internacional Agropecuaria (OIA), June 2017, Public Comment Draft Report for Patagonian Scallop Bottom Otter Trawl Fishery in Argentina*

### Patagonian toothfish
- **Dissostichus eleginoides**
  - **South American**
  - **Fishery countries:**
  - **Method:** Long line
  - **Status:** Not certified or in a FIP
  - **Management:** Needs improvement

### Environmental Notes

#### References
*Organizacion Internacional Agropecuaria (OIA), June 2017, Public Comment Draft Report for Patagonian Scallop Bottom Otter Trawl Fishery in Argentina*
<table>
<thead>
<tr>
<th>Fishery</th>
<th>Notes</th>
<th>Certification</th>
<th>Management Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>Patagonian toothfish</td>
<td>Bottom trawl, Long line</td>
<td>Certified</td>
<td>Well managed</td>
</tr>
<tr>
<td>Southern Indian Ocean</td>
<td>Profile not yet complete. Profile not yet complete. Bottom trawling will directly impact on the sea bed.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Peruvian weakfish</td>
<td>Gillnets and entangling nets</td>
<td>Not certified or in a FIP</td>
<td>Profile not yet complete</td>
</tr>
<tr>
<td>Nicaragua</td>
<td>Profile not yet complete.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Petrale sole</td>
<td>Bottom trawl</td>
<td>Certified</td>
<td>Well managed</td>
</tr>
<tr>
<td>Northeast Pacific</td>
<td>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.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
### General Notes
- No additional notes

### Pink cusk-eel
*Genypterus blacodes*
Panama Pacific Coast
Fishery countries: Panama

- Hook and line
- Not certified or in an FIP
- Profile not yet complete

### 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

- Pots and traps
- Not certified or in an FIP
- Managed

### 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 – Newfoundland and Labrador
Fishery countries: Canada

- Pots and traps
- Certified
- Well managed

### 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
<table>
<thead>
<tr>
<th>Fishery Type</th>
<th>Pots and traps</th>
<th>Some product from certified fisheries</th>
<th>Environmental Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Queen crab</td>
<td></td>
<td>Well managed</td>
<td>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.</td>
</tr>
<tr>
<td>Rainbow trout</td>
<td>Gillnets and entangling nets</td>
<td>Not certified or in a FIP</td>
<td>Profile not yet complete</td>
</tr>
<tr>
<td>Red cusk-eel</td>
<td>Long line</td>
<td>Not certified or in a FIP</td>
<td>Profile not yet complete</td>
</tr>
<tr>
<td>Red king crab</td>
<td></td>
<td>Not certified or in a FIP</td>
<td>Profile not yet complete</td>
</tr>
</tbody>
</table>

General Notes
- No additional notes
### Environmental Notes
- This fishery is unlikely to impact PET species.
- Profile not yet complete.
- This fishery is unlikely to have a significant impact on the sea bed.

### General Notes
- No additional notes.

<table>
<thead>
<tr>
<th>Red king crab</th>
<th>Pots and traps</th>
<th>Certified</th>
<th>Well managed</th>
</tr>
</thead>
<tbody>
<tr>
<td>Paralithodes camtschaticus</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Bristol Bay</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fishery countries:</td>
<td>U.S.</td>
<td></td>
<td></td>
</tr>
</tbody>
</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
- This fishery is certified through the Alaska Responsible Fisheries Management (RFM) Program.

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

### Environmental Notes
- There is a lack of information on interactions with PET species in this fishery.
- Bycatch is a risk for this fishery, but there is insufficient data available to assess significance.
- This fishery is unlikely to have a significant impact on the sea bed.

### General Notes
- No additional notes

<table>
<thead>
<tr>
<th>Red king crab</th>
<th>Pots and traps</th>
<th>FIP</th>
<th>Profile not yet complete</th>
</tr>
</thead>
<tbody>
<tr>
<td>Paralithodes camtschaticus</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Western Kamchatka</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fishery countries:</td>
<td>Russia</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Red swamp crawfish</th>
<th>Pots and traps</th>
<th>Not certified or in a FIP</th>
<th>Needs improvement</th>
</tr>
</thead>
<tbody>
<tr>
<td>Procambarus clarkii</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Louisiana territorial sea</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
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

Other ratings
Seafood Watch categorises red swamp crayfish caught in Louisiana with traps as a "Good Alternative", with a score for Criterion 1: Target Species of 2.64 and a score for Criterion 3: Management of 2.00.

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

References
Seafood Watch. 2014. Louisiana Crayfish Seafood Watch Report

Red swamp crayfish
Procambarus clarkii
Guadalquivir delta
Fishery countries: Spain

- Pots and traps
- Not certified or in a FIP
- Profile not yet complete

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.

Snappers nei
Lutjanus spp
Aru Bay, Arafura Sea and Eastern of Timor Sea
Fishery countries: Indonesia

- Long line
- Handlines and pole-liners
- Some product from FIP fisheries
- Profile not yet complete

Environmental Notes
- Profile not yet complete.

General Notes
- No additional notes

Sockeye salmon
Certified
Well managed
- Purse seine
- Gillnets and
### 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**
- **Suriname**
- **Fishery countries:** Suriname

<table>
<thead>
<tr>
<th>Method</th>
<th>Certification</th>
<th>Profile Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hook and line</td>
<td>Not certified or in a FIP</td>
<td>Profile not yet complete</td>
</tr>
</tbody>
</table>

### Spotted Rose Snapper
- **Lutjanus gibbus**
- **Costa Rica Pacific**
- **Fishery countries:** Costa Rica

<table>
<thead>
<tr>
<th>Method</th>
<th>Certification</th>
<th>Profile Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>Long line</td>
<td>Not certified or in a FIP</td>
<td>Profile not yet complete</td>
</tr>
</tbody>
</table>

### Spotted Weakfish
- **Cynoscion nebulosus**
- **NE Florida**
- **Fishery countries:** U.S.

<table>
<thead>
<tr>
<th>Method</th>
<th>Certification</th>
<th>Profile Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>Handlines and pole-lines</td>
<td>Not certified or in a FIP</td>
<td>Profile not yet complete</td>
</tr>
</tbody>
</table>
### Spotted weakfish
*Cynoscion nebulosus*

- **Fishery countries:** U.S.
- **Handlines and pole-lines**
- **Not certified or in a FIP**
- **Profile not yet complete**

### Environmental Notes
- Profile not yet complete.

### General Notes
- No additional notes.

### Swordfish
*Xiphias gladius*

- **Fishery countries:** Indonesia
- **Long line**
- **FIP**
- **Needs improvement**

### 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
- No additional notes.

### Swordfish
*Xiphias gladius*

- **Fishery countries:** Canada
- **Long line**
- **Certified**
- **Well managed**

### Environmental Notes
- Profile not yet complete.

### General Notes
- No additional notes.
<table>
<thead>
<tr>
<th>Species</th>
<th>Fishing Method</th>
<th>Certification</th>
<th>Status</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Swordfish</td>
<td>Long line</td>
<td>Not certified or in a FIP</td>
<td>Needs improvement</td>
<td>- There are risks to sea turtles with this fishery.</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>- Bycatch is a risk for this fishery.</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>- This fishery is unlikely to have a significant impact on the sea bed.</td>
</tr>
<tr>
<td>Swordfish</td>
<td>Long line</td>
<td>Not certified or in a FIP</td>
<td>Managed</td>
<td>- There are risks to sea birds, sea turtles and sharks with this fishery.</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>- Bycatch is a significant risk for this fishery.</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>- This fishery is unlikely to have a significant impact on the sea bed.</td>
</tr>
<tr>
<td>Swordfish</td>
<td>Hook and line</td>
<td>Not certified or in a FIP</td>
<td>Managed</td>
<td>- There is a risk to PET species with this fishery.</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>- Bycatch for this fishery includes tuna, billfish and sharks.</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>- This fishery is unlikely to have a significant impact on the sea bed.</td>
</tr>
</tbody>
</table>

**General Notes**
- No additional notes.

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

**References**
Seafood Watch, 2016, Atlantic Ocean Swordfish, Albacore, Bigeye and Yellowfin Tuna (longline) Seafood Watch Report
### Tanner Crab

**E Bering Sea**

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

<table>
<thead>
<tr>
<th>Method</th>
<th>Management Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pots and traps</td>
<td>Not certified or in a FIP</td>
</tr>
</tbody>
</table>

**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**

**Other ratings**
Seafood Watch categorises tanner crab caught in the Bering Sea with pots as a "Best Choice, with a score for Criterion 1: Target Species of 5.00 and a score for Criterion 3: Management of 5.00."

**Caveat**
The stock status and management rating and environmental notes for this fishery are based on a provisional assessment and are not derived from the FishSource profile.

**References**

### Winter Flounder

**NW Atlantic Central**

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

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

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

**General Notes**
- No additional notes

### Winter Skate

**NE Atlantic**

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

<table>
<thead>
<tr>
<th>Method</th>
<th>Management Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>Gillnets and entangling nets</td>
<td>Not certified or in a FIP</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.
### Yellowfin tuna

**Thunnus albacares**

**Atlantic**  
Fishery countries: Brazil, Canada, Grenada, Panama, Trinidad and Tobago, U.S.

<table>
<thead>
<tr>
<th></th>
<th>Long line</th>
<th>Not certified or in a FIP</th>
<th>Managed</th>
</tr>
</thead>
</table>

#### 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.

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### Yellowfin tuna

**Thunnus albacares**

**Eastern Pacific Ocean**  
Fishery countries: Costa Rica, Ecuador

<table>
<thead>
<tr>
<th></th>
<th>Long line</th>
<th>Not certified or in a FIP</th>
<th>Managed</th>
</tr>
</thead>
</table>

#### 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.

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### Yellowfin tuna

**Thunnus albacares**

**Indian Ocean**  
Fishery countries: Indonesia

|  | Purse seine  
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Long line</td>
<td>Not certified or in a FIP</td>
<td>Needs improvement</td>
</tr>
</tbody>
</table>

#### 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.
- Both longlines and purse seines can generate bycatch for this fishery.
- This fishery is unlikely to have a significant impact on the sea bed.
### General Notes
- No additional notes.

#### Yellowfin tuna
*Thunnus albacares*
- **Western and Central Pacific Ocean**
- **Fishery countries:** Vietnam
- **Long line**
- **Not certified or in a FIP**
- **Managed**

#### 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.

#### Yellowtail flounder
*Limanda ferruginea*
- **Newfoundland Grand Banks**
- **Fishery countries:** Canada
- **Bottom trawl**
- **Certified**
- **Well managed**

#### Environmental Notes
- The interaction of this fishery with PET species is unknown.
- Bycatch is a risk for this fishery.
- Bottom trawls will directly impact on the sea bed.

### General Notes
- No additional notes.

#### Yellowtail flounder
*Limanda ferruginea*
- **Southern New England/Mid Atlantic**
- **Fishery countries:** U.S.
- **Bottom trawl**
- **Not certified or in a FIP**
- **Managed**

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

### General Notes
<table>
<thead>
<tr>
<th>Yellowtail snapper</th>
<th>Hook and line</th>
<th>Not certified or in a FIP</th>
<th>Well managed</th>
</tr>
</thead>
</table>
| *Cynoscion chrysourus*  
Northern Gulf of Mexico and Western Central Atlantic  
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

<table>
<thead>
<tr>
<th>Yellowtail snapper</th>
<th>Hook and line</th>
<th>Not certified or in a FIP</th>
<th>Profile not yet complete</th>
</tr>
</thead>
</table>
| *Cynoscion chrysourus*  
Honduras Western Central Atlantic  
Fishery countries: Honduras |               |                          |                            |

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

**General Notes**
- No additional notes.

<table>
<thead>
<tr>
<th>Yellowtail snapper</th>
<th>Handlines and pole-liners</th>
<th>Not certified or in a FIP</th>
<th>Profile not yet complete</th>
</tr>
</thead>
</table>
| *Cynoscion chrysourus*  
SW Atlantic  
Fishery countries: Brazil |               |                          |                            |

**Environmental Notes**
- Profile not yet complete.
- Other species are caught but volume and species is not recorded by this fishery.
- Long lines are not expected to impact on the sea bed.

**General Notes**
- No additional notes.