

# Ocean Disclosure Project 2016

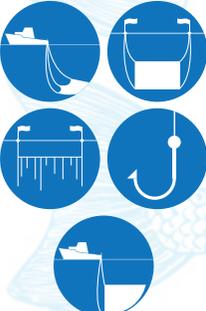
The **co-operative**

## Key



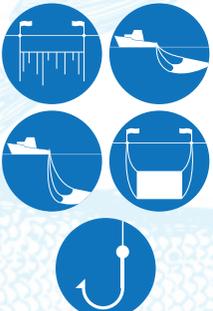
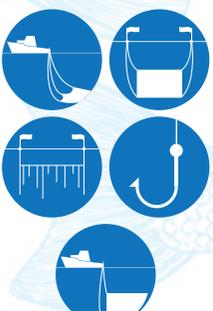
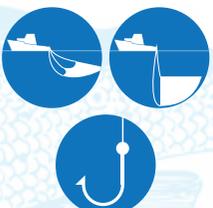
Fishery name and location	Fishing gear used	Certification or FIP	Category	Environmental notes
<b>Alaska pollock</b> Aleutian Islands United States 		Certified		<ul style="list-style-type: none"> <li> Bycatch levels are recorded and considered low overall. Although bycatch includes some threatened chinook salmon, impacts are reasonably well understood and not considered a threat to the protection and recovery of this stock.</li> <li> Direct and indirect impacts on PET species have been subject to extensive research and considered low and not significant.</li> <li> Regulations are in place that restrict trawling to prevent potential depletion of prey for endangered Steller sea lions and reduce bycatch of halibut and crabs.</li> <li> Impacts on the bottom habitats and benthic communities are considered low, as only pelagic trawl gear is allowed in the directed fishery.</li> </ul>
<b>Alaska pollock</b> East Bering Sea United States 		Certified		<ul style="list-style-type: none"> <li> Management measures to reduce bycatch - particularly bycatch of salmon species - are in place.</li> <li> Direct and indirect impacts on PET species have been subject to extensive research and considered within acceptable limits.</li> <li> Regulations limit the portion of pollock catch that may be taken within designated Steller sea lion feeding waters in order to reduce impact on the trophic chain for this species.</li> <li> Management measures are in place to reduce the impact of bottom trawls used in this fishery.</li> </ul>
<b>Alaska pollock</b> Gulf of Alaska United States 		Certified		<ul style="list-style-type: none"> <li> Direct and indirect impacts of the fishery on PET species (such as chinook salmon) have been subject to extensive research and the fishery is not considered to unacceptably impact any PET species.</li> <li> Regulations are in place that restrict trawling in certain areas, to prevent potential depletion of prey for endangered Steller sea lions.</li> <li> Most of the fishery is conducted by midwater (pelagic) trawls, and thus impacts on the seabed are minimized. Several areas in the Gulf of Alaska (GOA) region are closed to trawling, in order to protect important seabed habitats.</li> </ul>

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Fishery name and location	Fishing gear used	Certification or FIP	Category	Environmental notes
<p><b>Alaska pollock</b> Sea of Okhotsk Russia</p> 		<p><b>Certified</b></p>	<p><b>B</b></p>	<ul style="list-style-type: none"> <li> Marine protected areas (MPAs) are in place to protect vulnerable species but there is a lack of evidence that a network of MPAs is protecting representative habitat functions and biodiversity.</li> <li> Bycatch and discarding is recorded, and rates are low - generally under 5%.</li> <li> No direct or indirect impacts on PET species can be attributed to the Alaska pollock fishery - no PET species in the stock area are known to be decreasing in abundance.</li> <li> Benthic habitats were first surveyed over 20 years ago in the Sea of Okhotsk. No negative changes in the ecosystem due to the fishery (either benthic or pelagic communities) have been noted, partly explained by the fishery's use of only pelagic trawls.</li> </ul>
<p><b>American lobster</b> Southern New England/ Mid Atlantic United States</p> 		<p><b>Not Certified or in a FIP</b></p>	<p><b>C</b></p>	<ul style="list-style-type: none"> <li> Insufficient information available on this fishery.*</li> </ul>
<p><b>Anchoveta</b> Peruvian Northern-central stock Peru</p> 		<p><b>Not Certified or in a FIP</b></p>	<p><b>B</b></p>	<ul style="list-style-type: none"> <li> Bycatch for this fishery is considered low.</li> <li> No direct impact on PET species.</li> <li> This fish plays an important role in the marine food web and so potential impacts on the wider marine ecosystem must be monitored.</li> <li> No impact on the benthic habitat.</li> </ul>
<p><b>Atlantic cod</b> Barents Sea Norway</p> 		<p><b>Some Product Certified</b></p>	<p><b>A</b></p>	<ul style="list-style-type: none"> <li> Good Marine Protected Areas (MPA) coverage, selected based on the importance of their biological production and biodiversity.</li> <li> Bottom trawls impact the benthic habitat.</li> </ul>

-  Bycatch
-  Protected, endangered & threatened (PET) species
-  Gillnets
-  Midwater trawl
-  Pots and traps
-  Hook and lines
-  Bottom trawls
-  Long lines
-  Dredge
-  Seine nets
-  Rake hand/Gathered
-  Purse seine
-  Wider food web
-  Benthic habitat
-  General notes

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<p><b>Atlantic cod</b> Icelandic Iceland</p> 		<p><b>Some Product Certified</b></p>	<p><b>A</b></p>	<ul style="list-style-type: none"> <li> Bycatch is considered low: all catches must be landed and weighed, and reported. Data is collected by an observer program. There are also gear regulations to reduce bycatch in place.</li> <li> Interactions with, and impacts on, PET species by the fishery are very unlikely, apart from a small risk of seabird entanglement.</li> <li> Several areas off Icelandic waters are closed temporarily or permanently to all fisheries to protect both juveniles of some demersal species and benthic habitats.</li> </ul>
<p><b>Atlantic cod</b> Norwegian coastal Norway</p> 		<p><b>Certified</b></p>	<p><b>C</b></p>	<ul style="list-style-type: none"> <li> Unattended gill-nets which may drift out to sea can present a 'ghost fishing' problem - where the drifting nets indiscriminately catch marine life.</li> <li> Bycatch of marine mammals is monitored through a directed programme. Data on seabird bycatch is sparse, but bycatch can include the critically endangered common guillemot. However, observers report that most fisheries' impacts on seabirds are minor.</li> <li> PET species interactions are rare but some studies indicate that gill-net and longline fisheries may pose a significant risk to (some) seabird populations. However, the entire fleet voluntarily uses bird scaring lines to avoid seabird bycatch.</li> <li> Documented destruction of deepwater coral has led to closures of vulnerable areas to bottom trawling. Some gears could impact benthic habitats (Danish seine, trawl and gill-nets).</li> </ul>
<p><b>Atlantic mackerel</b> North-East Atlantic European Union, Faroe Islands, Norway</p> 		<p><b>Not Certified or in a FIP</b></p>	<p><b>C</b></p>	<ul style="list-style-type: none"> <li> Bycatch associated with this fishery is considered low.</li> <li> Mackerel is an important food source for various marine mammals but no information could be obtained on the indirect effects of removal of a preferred prey species.</li> <li> Pelagic gear will not impact the benthic habitat.</li> </ul>
<p><b>Chilean mussel</b> Stock units undefined Chile</p> 		<p><b>Not Certified or in a FIP</b></p>	<p><b>N/A</b></p>	<ul style="list-style-type: none"> <li> This fishery is not believed to pose a high environmental risk.*</li> </ul>

 Gillnets
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  Bottom trawls
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  Rake hand/Gathered

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  Purse seine

 Bycatch
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<p><b>European pilchard</b> North-West Africa central stock Morocco</p> 		<p><b>FIP</b> (no ratings)</p>		<ul style="list-style-type: none"> <li> Purse seine is generally considered a low impact gear in terms of bycatch.</li> <li> No estimates of interactions of the fishery with PET species are available, but within the reportedly susceptible groups of dolphins and turtles, no dolphin species in the region is known to be endangered, and turtles are usually released alive from purse seine used by the fishery.</li> <li> Purse seine is generally considered a low impact gear in terms of impact on the benthic habitat.</li> </ul>
<p><b>Haddock</b> Barents Sea Russia, Norway</p>  	  	<p><b>Some Product Certified</b></p>		<ul style="list-style-type: none"> <li> Reasonably good Marine Protected Areas (MPA) coverage, selected based on the importance of their biological production and biodiversity.</li> <li> There is still insufficient information (particularly gear-specific) regarding impacts on PET species, but no reported evidence of significant interactions with any endangered species.</li> <li> Bottom trawls impact the benthic habitat.</li> </ul>
<p><b>Haddock</b> Icelandic Iceland</p> 	 	<p><b>Some Product Certified</b></p>		<ul style="list-style-type: none"> <li> Bycatch is considered low: all catches must be landed and weighed, and reported. Data is collected by an observer program. There are also gear regulations to reduce bycatch in place.</li> <li> Interactions with, and impacts on, PET species by the fishery are very unlikely, apart from a small risk of seabird entanglement.</li> <li> Several areas off Icelandic waters are closed temporarily or permanently to all fisheries to protect both juveniles of some demersal species and benthic habitats.</li> </ul>
<p><b>Haddock</b> North Sea European Union</p> 		<p><b>Certified</b></p>		<ul style="list-style-type: none"> <li> Bycatch of non-commercial species which are important ecosystem components requires further study as to its consequences.</li> <li> The fishery might interact with some protected species, such as blue skate and spotted ray. However, some protective management measures have been introduced.</li> <li> Bottom trawls impact the benthic habitat. Coral reefs are protected in areas closed to all bottom-towed fishing gears in Norway.</li> </ul>

  
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Bottom trawls

  
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<b>Hardenberg's anchovy</b> Thailand 		<b>Not Certified or in a FIP</b>	<b>N/A</b>	 Insufficient information available on this fishery.*
<b>Mitre squid</b> Stock units undefined Thailand 		<b>Not Certified or in a FIP</b>	<b>N/A</b>	 Insufficient information available on this fishery.*
<b>Northern prawn</b> Atlantic Canada 		<b>Certified</b>	<b>B</b>	 Bottom trawls impact on the benthic habitat. Available information suggests that shrimp fishing occurs in less sensitive benthic habitats, and therefore the impact of the fishery is minor.
<b>Northern prawn</b> Icelandic offshore Iceland 		<b>Not Certified or in a FIP</b>	<b>C</b>	 Bottom trawls will impact on the benthic habitat. There are area closures for bottom trawling but the specific impact of this fishery in the seabed (on cold water corals, sponges etc.) is unknown.
<b>Northern prawn</b> West Greenland Greenland, Canada  		<b>Certified</b>	<b>B</b>	 Insufficient information available on this fishery. However, no high risk issues have been identified at this time.*

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<p><b>Norway lobster</b> Clyde Sea United Kingdom</p> 		<p><b>Not Certified or in a FIP</b></p>	<p><b>C</b></p>	<ul style="list-style-type: none"> <li> No direct impact on PET species.</li> <li> The habitat function is not undermined by the fishery.</li> <li> Bottom trawls impact on the benthic habitat.</li> </ul>
<p><b>Norway lobster</b> Farn Deep United Kingdom</p> 		<p><b>Not Certified or in a FIP</b></p>	<p><b>C</b></p>	<ul style="list-style-type: none"> <li> No direct impact on PET species.</li> <li> The habitat function is not undermined by the fishery.</li> <li> Bottom trawls impact on the benthic habitat.</li> </ul>
<p><b>Norway lobster</b> Fladen Ground United Kingdom</p> 		<p><b>Not Certified or in a FIP</b></p>	<p><b>C</b></p>	<ul style="list-style-type: none"> <li> No direct impact on PET species.</li> <li> The habitat function is not undermined by the fishery.</li> <li> Bottom trawls impact on the benthic habitat.</li> </ul>
<p><b>Norway lobster</b> North Minch United Kingdom</p> 		<p><b>Not Certified or in a FIP</b></p>	<p><b>B</b></p>	<ul style="list-style-type: none"> <li> No direct impact on PET species.</li> <li> The habitat function is not undermined by the fishery.</li> <li> Bottom trawls impact on the benthic habitat.</li> </ul>
<p><b>Norway lobster</b> South Minch United Kingdom</p> 		<p><b>Not Certified or in a FIP</b></p>	<p><b>B</b></p>	<ul style="list-style-type: none"> <li> No direct impact on PET species.</li> <li> The habitat function is not undermined by the fishery.</li> <li> Bottom trawls impact on the benthic habitat.</li> </ul>

 Bycatch

 Protected, endangered & threatened (PET) species

 Gillnets

 Midwater trawl

 Pots and traps

 Hook and lines

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 Benthic habitat

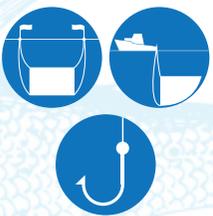
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<p><b>Patagonian scallop</b> Stock units undefined Argentina</p> 		<p>Certified</p>	<p><b>B</b></p>	<p> Bottom trawls impact on the benthic habitat, however scallops reside on soft mud, meaning there is little or no impact on animals requiring hard bottom to grow. A rotational harvest scheme is under development.</p>
<p><b>Pink salmon</b> East Pacific: Alaska United States</p> 	  	<p>Certified</p>	<p><b>C</b></p>	<p> There is bycatch of Canadian sockeye stocks in the Southeast Alaska pink salmon fishery including some stocks of regulatory concern.</p>
<p><b>Pink salmon</b> East Pacific: Annette Islands Reserve Alaska United States</p> 	  	<p>Certified</p>	<p><b>A</b></p>	<p> There are no concerns regarding fishery environmental impacts to report at this time.*</p>
<p><b>Pink salmon</b> East Pacific: British Columbia Fraser River Canada</p> 	  	<p>Certified</p>	<p><b>B</b></p>	<p> This fishery is not believed to pose a high environmental risk.*</p> <p> A more robust bycatch monitoring program for steelhead and white sturgeon is necessary.</p>

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<p><b>Pink salmon</b> East Pacific: British Columbia Inner South Coast Canada</p> 		<p>Certified</p>	<p><b>B</b></p>	<p> The fishery is not believed to pose a high environmental risk. The Canadian authorities must take a closer look at the impact of salmon farming and associated sea lice on the pink salmon stocks of the Broughton Archipelago. Studies should be conducted to determine whether a recovery plan is necessary.</p>
<p><b>Pink salmon</b> East Pacific: British Columbia North-Central Coast and Haida Gwaii Canada</p> 		<p>Certified</p>	<p><b>B</b></p>	<p> This fishery is not believed to pose a high environmental risk.*</p> <p> The live release discard policy in place in this fishery is not being followed by all commercial fishermen: there is significant mortality of non-target chum and other bycatch stocks. A more robust bycatch monitoring program for Nass and Skeena chum is required.</p>
<p><b>Pink salmon</b> East Pacific: Cook Inlet Alaska United States</p> 		<p>Certified</p>	<p><b>A</b></p>	<p> This fishery is not believed to pose a high environmental risk.*</p>
<p><b>Pink salmon</b> East Pacific: Norton Sound Alaska United States</p> 		<p>Certified</p>	<p><b>B</b></p>	<p> This fishery is not believed to pose a high environmental risk.*</p>

  
Gillnets

  
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<p><b>Pink salmon</b> East Pacific: Prince William Sound Alaska United States</p> 	 	<p><b>Not Certified or in a FIP</b></p>	<p><b>C</b></p>	<p> This fishery is not believed to pose a high environmental risk but there are concerns about the wider ecological impacts of salmon hatcheries in Prince William Sound.*</p>
<p><b>Pink salmon</b> East Pacific: Southeast Alaska United States</p> 	 	<p><b>Certified</b></p>	<p><b>A</b></p>	<p> There is bycatch of Canadian sockeye stocks in this fishery that includes some stocks of regulatory concern.</p>
<p><b>Pink salmon</b> East Pacific: Westward Alaska United States</p> 	 	<p><b>Certified</b></p>	<p><b>A</b></p>	<p> This fishery is not believed to pose a high environmental risk.*</p>
<p><b>Red swamp crawfish</b> Stock unit undefined China</p> 		<p><b>Not Certified or in a FIP</b></p>	<p><b>N/A</b></p>	<p> Insufficient information available on this fishery.*</p>

 **Bycatch**

 **Protected, endangered & threatened (PET) species**

 **Wider food web**

 **Benthic habitat**

 **General notes**

 **Gillnets**

 **Midwater trawl**

 **Pots and traps**

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 **Bottom trawls**

 **Long lines**

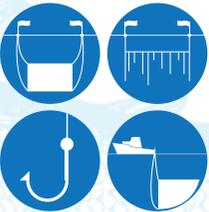
 **Dredge**

 **Seine nets**

 **Rake hand/Gathered**

 **Purse seine**

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Fishery name and location	Fishing gear used	Certification or FIP	Category	Environmental notes
<p><b>Skipjack tuna</b> Eastern Atlantic Senegal; International Waters: ICCAT</p> 		<p><b>Not Certified or in a FIP</b></p>	<p><b>B</b></p>	<ul style="list-style-type: none"> <li> Bycatch is usually low with hook and lines</li> <li> There is no impact on the benthic habitat.</li> </ul>
<p><b>Skipjack tuna</b> Indian Ocean Indonesia; IOTC</p> 		<p><b>FIP (A)</b></p>	<p><b>B</b></p>	<ul style="list-style-type: none"> <li> Bycatch is usually low with hook and lines</li> <li> There is no impact on the benthic habitat.</li> </ul>
<p><b>Skipjack tuna</b> Western and Central Pacific Indonesia; International Waters, Western and Central Pacific, WCPFC</p> 		<p><b>FIP (E)</b></p>	<p><b>B</b></p>	<ul style="list-style-type: none"> <li> Bycatch is usually low with hook &amp; lines. However, longlines have the potential to accidentally catch turtles, sharks, seabirds and other non-target species.</li> <li> No impact on the benthic habitat.</li> </ul>
<p><b>Skipjack tuna</b> Western Atlantic Brazil; International Waters: Western Atlantic, ICCAT</p> 		<p><b>Not Certified or in a FIP</b></p>	<p><b>C</b></p>	<ul style="list-style-type: none"> <li> Bycatch of PET species is known to be very low in fisheries using this gear so monitoring has not generally been employed.</li> <li> No impact on the benthic habitat.</li> </ul>

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 Pots and traps

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<b>Sockeye salmon</b> East Pacific: Alaska United States 		<b>Certified</b>		 Insufficient information available on this fishery. However, the fishery is not believed to pose a high environmental risk.*
<b>Sockeye Salmon</b> East Pacific: Bristol Bay Alaska United States 		<b>Certified</b>		 No significant bycatch apart from other salmon species which are retained.  No direct impact on PET species.  No impact on the benthic habitat.
<b>Sockeye Salmon</b> East Pacific: British Columbia Canada 		<b>Certified</b>		 May potentially have some impact on PET seabird species.  No impact on the benthic habitat.
<b>Speckled Shrimp</b> Stock units undefined Indonesia 		<b>Not Certified or in a FIP</b>	<b>N/A</b>	 Insufficient information available on this fishery.*
<b>Yellowfin sole</b> Bering Sea and Aleutian Islands United States 		<b>Certified</b>		 This fishery is not believed to pose a high environmental risk.*

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<p><b>Yesso scallop</b> Hokkaido Japan</p> 		<p><b>Certified</b></p>	<p>N/A</p>	 Dredges will impact the benthic habitat.
<p><b>Yesso scallop</b> Northern Japan Japan</p> 		<p><b>Not Certified or in a FIP</b></p>	<p>N/A</p>	 Dredges will impact the benthic habitat.

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**Regional Fishery Management Organisations**

IATTC - Inter-American Tropical Tuna Commission

WCPFC - Western & Central Pacific Fisheries Commission

ICCAT - International Commission for the Conservation of Atlantic Tunas

IOTC - Indian Ocean Tuna Commission

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