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Research Skills

Newfoundland Cod Fishery

* Unsustainable, disaster, many issues, had to end in 1992 due to overfishing
* Gear and boats:
	+ Started in late 1400’s, so improved overtime to modernize and meet requirements, but did not develop enough and efficiently to be sustainable
	+ “Fairtry” machine. 15 years, over 8 million tons of cod
	+ led to overfishing and its eventual collapse
* Detection:
	+ Collapsed so no satellite images
	+ In Canada, Northwest Atlantic
* Quotas:
	+ Current region is at 8143
* Designation of Protected Areas:
	+ Eastport Peninsula
	+ Leading Tickles
* Restrictions on types and size of gear (mesh size)
	+ 67mm mesh size max

Iceland Cod Fishery

* Sustainable, regulated
* Gear and boats
	+ Long line, Danish seine, gillnets
* Detection:
* Quotas:
	+ On individual vessels, major commercial stocks subject to quotas, depends on size of company and vessel and annual changes
* Protected Areas:
	+ Eighteen areas surrounding the island
* Restrictions on mesh size
	+ 130-155 mm (trawl fisheries)
	+ 135-155 mm (Danish Seine)
	+ 140-155 mm (nets)