Faisal Eraiqat

Mr. Mangan

ESS

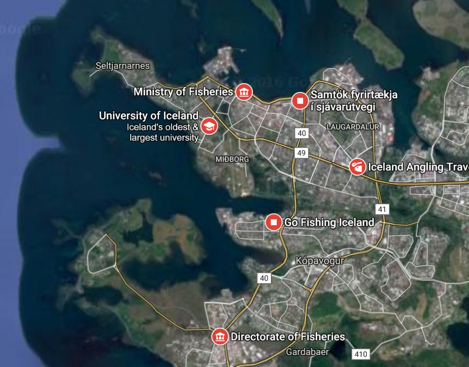
12 October 2016

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)