

Fishing effects climate – climate effects fishing



Emissions
Resuspension



Distribution
Growth
Runoff
Acidity

Climate should effect management of fishery

But it does not

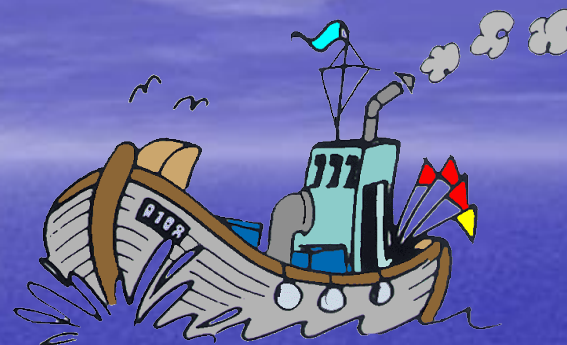
North Sea fisheries and climate
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Emissions – the obvious effect

But emissions per kilo landed protein is lower than for most other animal proteins

For decades, CFP has focused on making fishery less efficient through closures, preference to inefficient small scale fishery and technical regulations

= more fuel needed



Resuspension of sediment - not so obvious

CO₂



It should be a matter of ballancing
need for food and effects of food
production



Distribution changes

"New" fish coming in



Bass
Squid
Mullet
Anchovy

Relative
stability
perhaps need
to be
reconsidered?

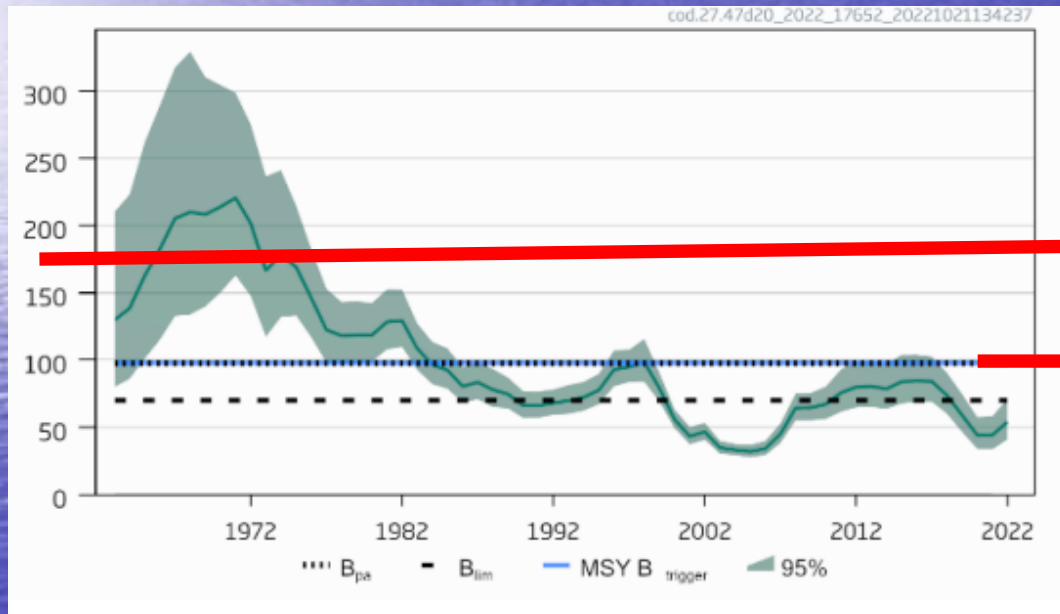
"Old" fish moving out



Cod
Halibut?

Growth is affected by climate

Not so much perhaps on the level of the individual,



Future?

But certainly on the level of stock

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Observation from fisher's side

Fishing is hit on both sides by climate change

Through inefficient fishery they are forced to spend more fuel



Through inefficient management which demands that they deliver the impossible

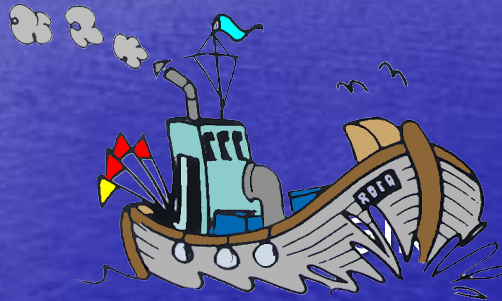
If we want to have true ecosystem based fisheries management, we need to think climate change into management plans

- and into scientific advice



Fishers are happy to contribute where they can

The end



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