



Fish Forecasts in the North Atlantic

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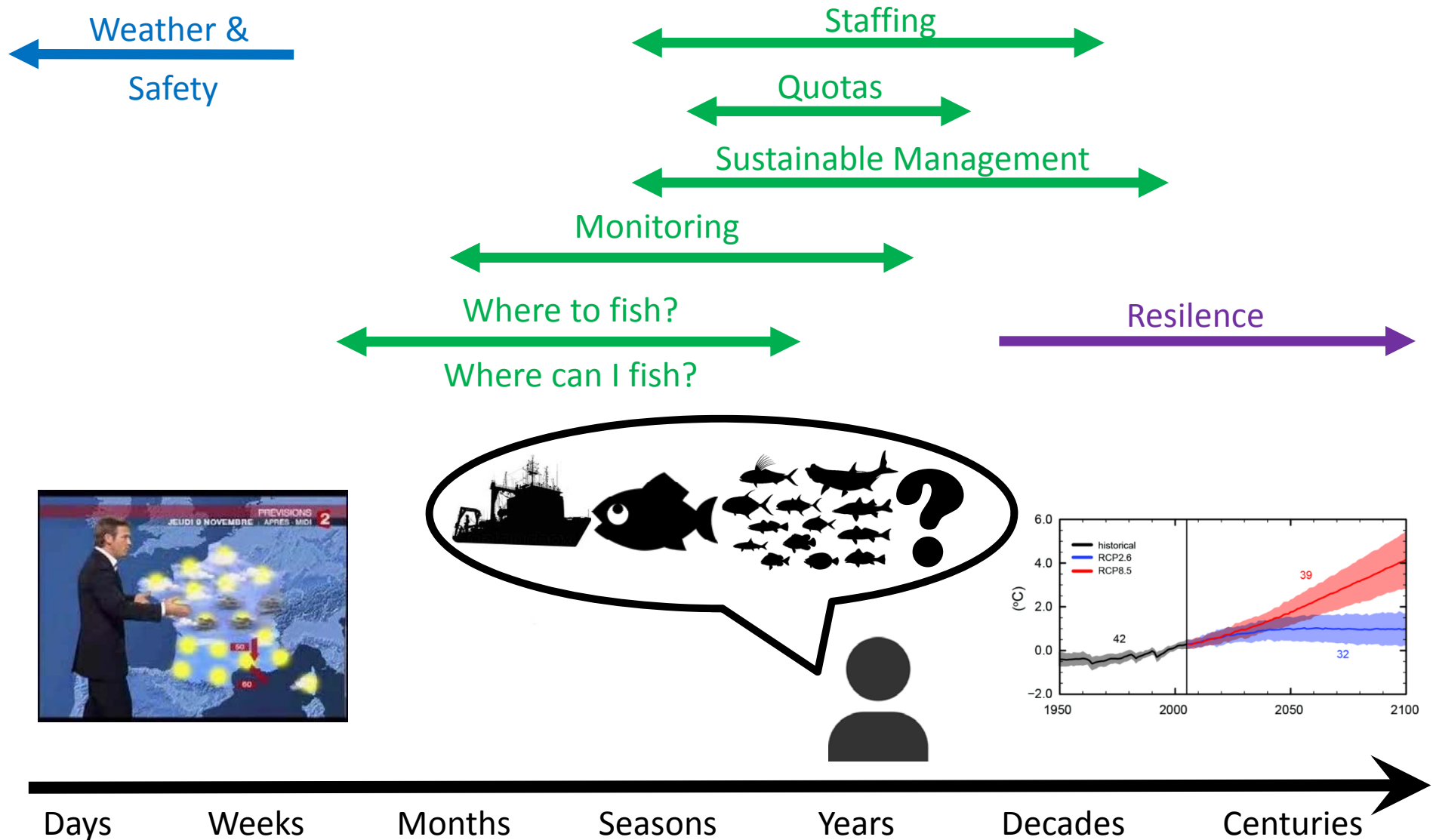


www.triatlas.w.uib.no

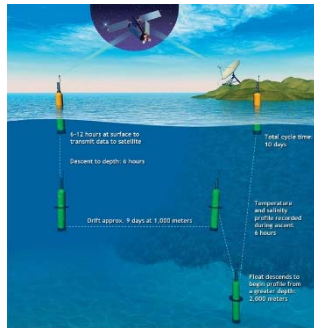
www.blue-action.eu

www.missionatlantic.eu





Ocean Observations

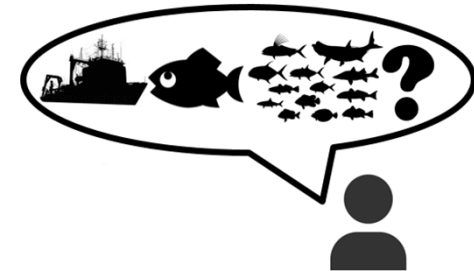


Ocean Forecast Models



Fish Forecasts

Societally relevant & tailored forecast products



Data

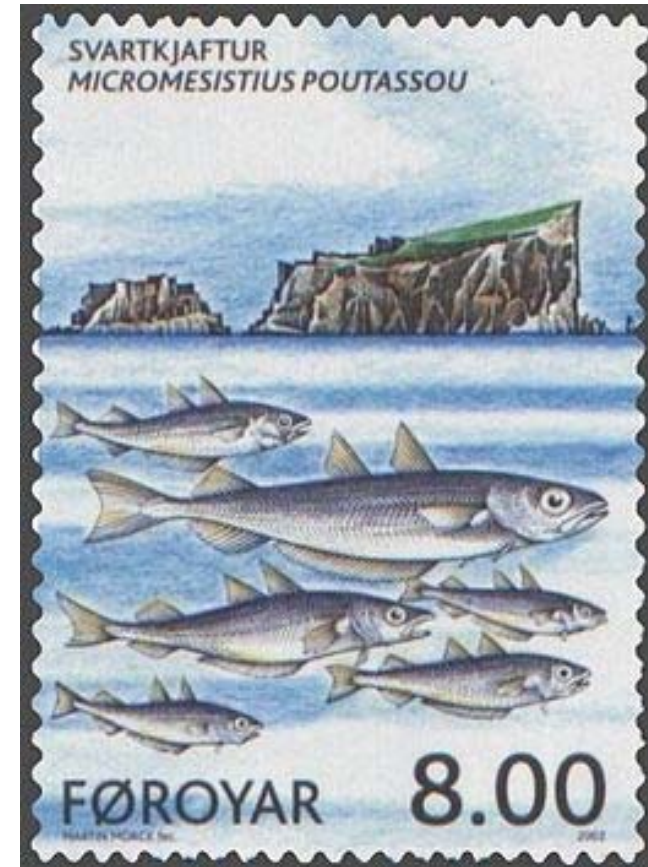
Information

Example 1

Blue Whiting

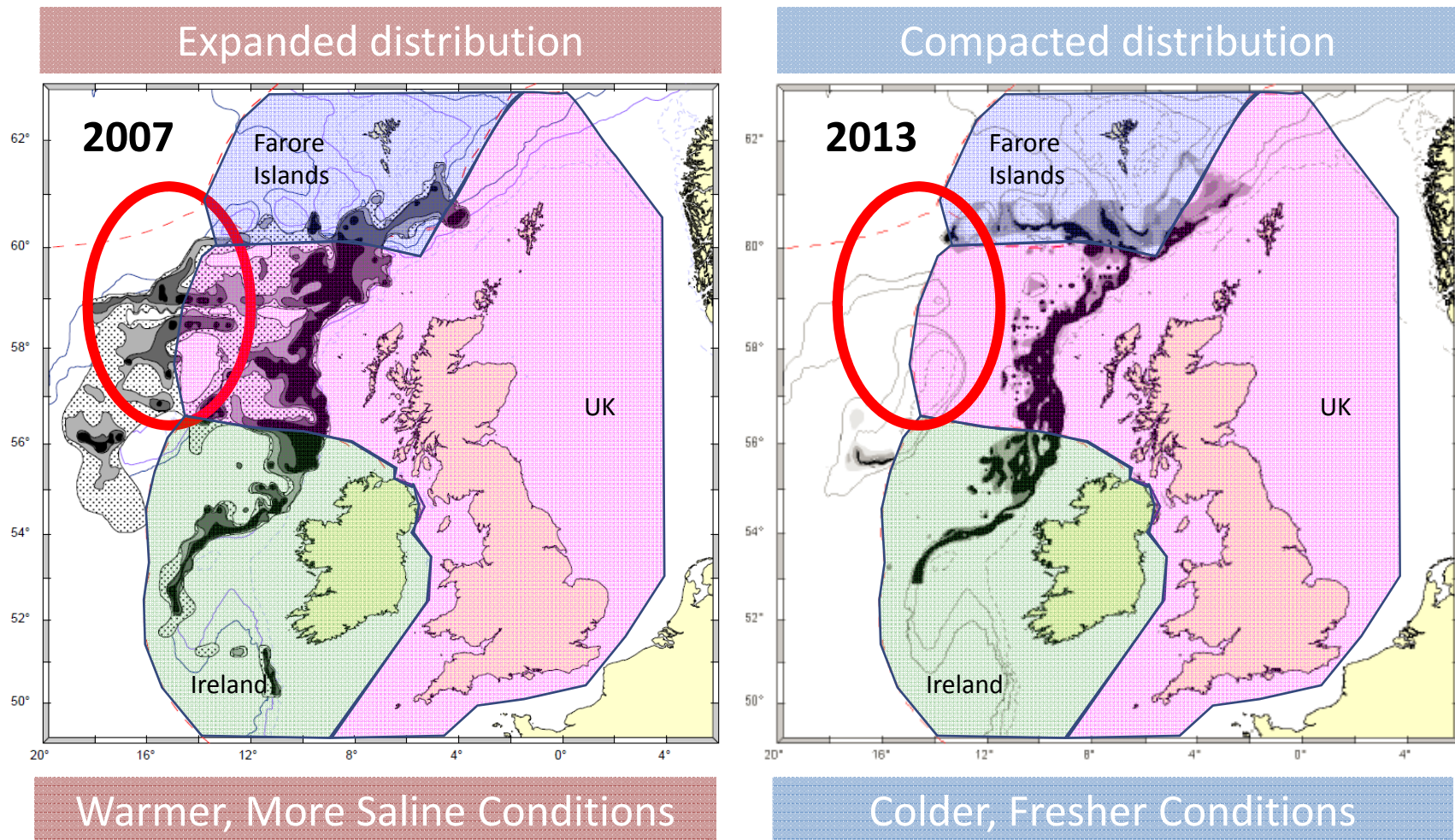


Blue whiting



One of worlds largest fisheries in early 2000s

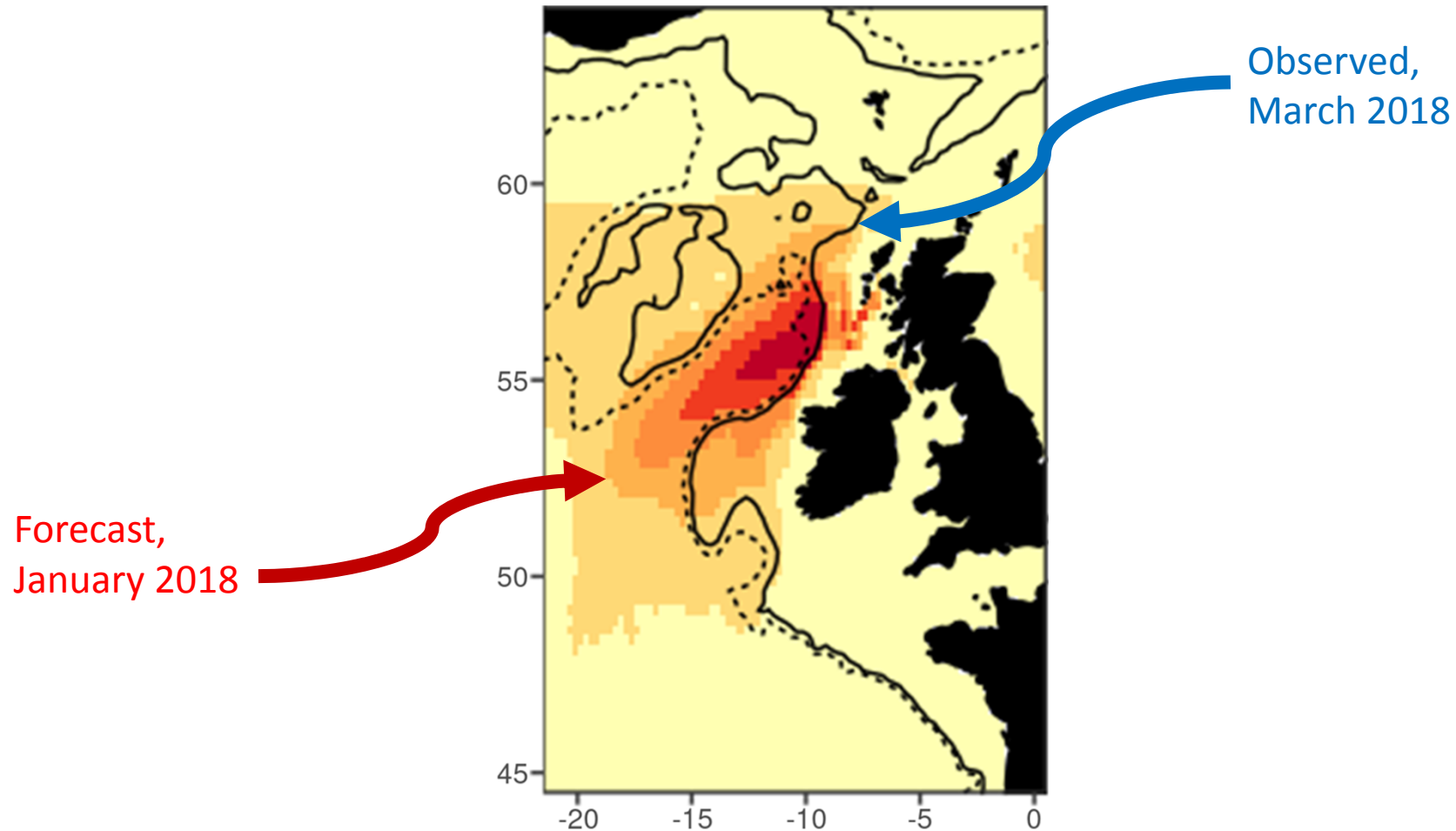
Shifts in Blue Whiting



(Data from scientific monitoring surveys)

Blue Whiting Distribution Forecasts

(Issued January 2018 for March 2018)



Example 2

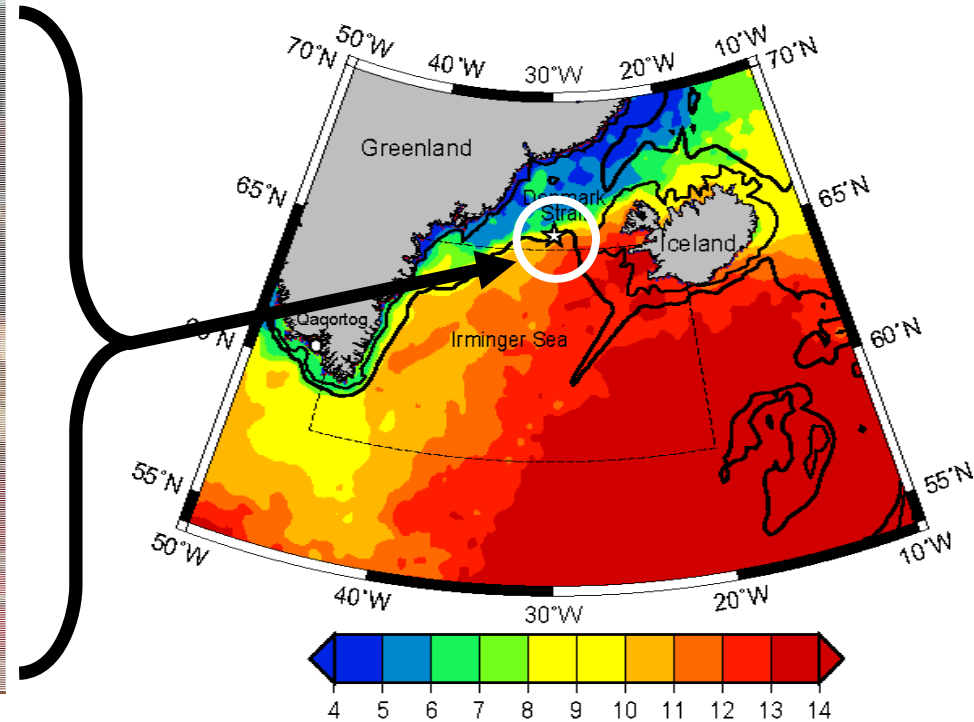
Bluefin Tuna in Greenland Waters



Aug 2012



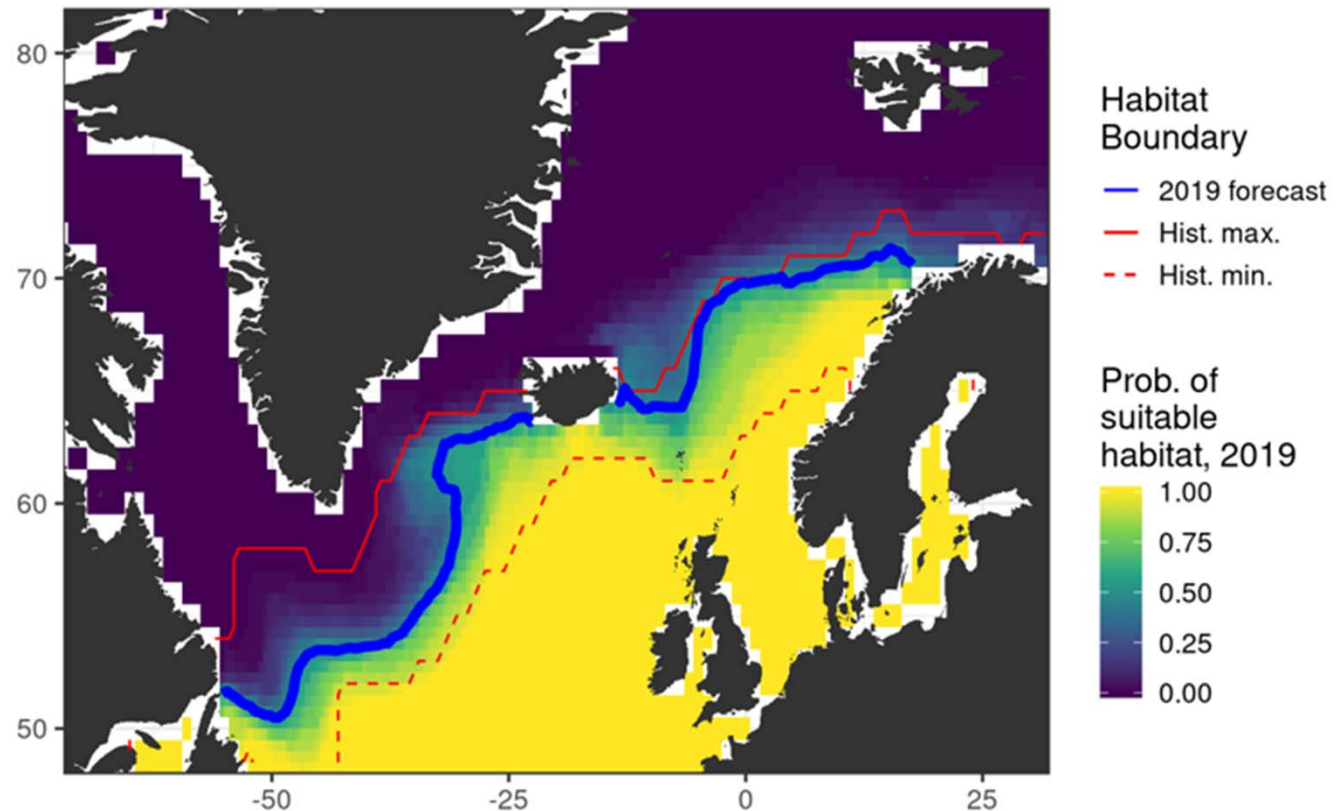
Aug 2014



First report of tuna in this area in at least 370 years

Forecast Bluefin Tuna habitat

(Issued September 2018 for August 2019)



Can make reliable forecasts up to 10 years into the future

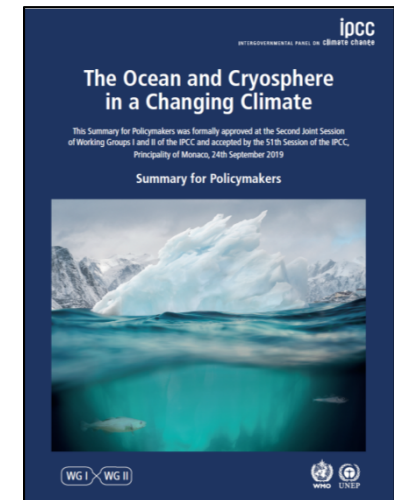
How do we go forward?



Co-design



Scaling up



Adaptation

Fish Forecasts

We can predict biological
variability in the Ocean

We are ready to scale up
and operationalize

Forecasts should be guided
by the needs of society

For current forecasts, see
<http://fishforecasts.dtu.dk>





Science-Policy Discussion
in collaboration with the European Parliament's Intergroup on
Climate Change, Biodiversity and Sustainable Development

Thank you



@TRIATLASproject

@BG10BlueAction

@MissionAtlantic

www.triatlas.w.uib.no

www.blue-action.eu

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