

ICES advice for North Western Waters stocks for 2022

NWWAC meeting, July 1, 2021

ADVICE INTRODUCTION

Ghislain Chouinard
ICES ACOM vice-chair



Science for sustainable seas

Image Dirk Vonten, Fotolia

North Western Waters stocks



West of Scotland & Rockall (6.ab)

- Cod (6.a; 6.b)
- Haddock (4,6.a,sub 20; 6.b)
- Whiting (6.a; 6.b)
- Anglerfish (3.a,4,6)
- Megrin (4.a-6.a; 6.b)
- Saithe 3.a 4, 6
- *Nephrops* (FUs11-12-13)

Deep-sea stocks

Irish Sea (7.a)

- Cod
- Haddock
- Whiting
- Plaice
- Sole
- *Nephrops* (FUs 14-15-19)

Channel

- Cod (4, 7.d, Skagerrak)
- Plaice (7.d; 7.e)
- Sole (7.d; 7.e)
- Whiting (4,7d)
- Brill (3.a, 4, 7.de)
- Lemon sole (3.a, 4, 7.d)
- Striped red mullet (3.a, 4, 7.d)

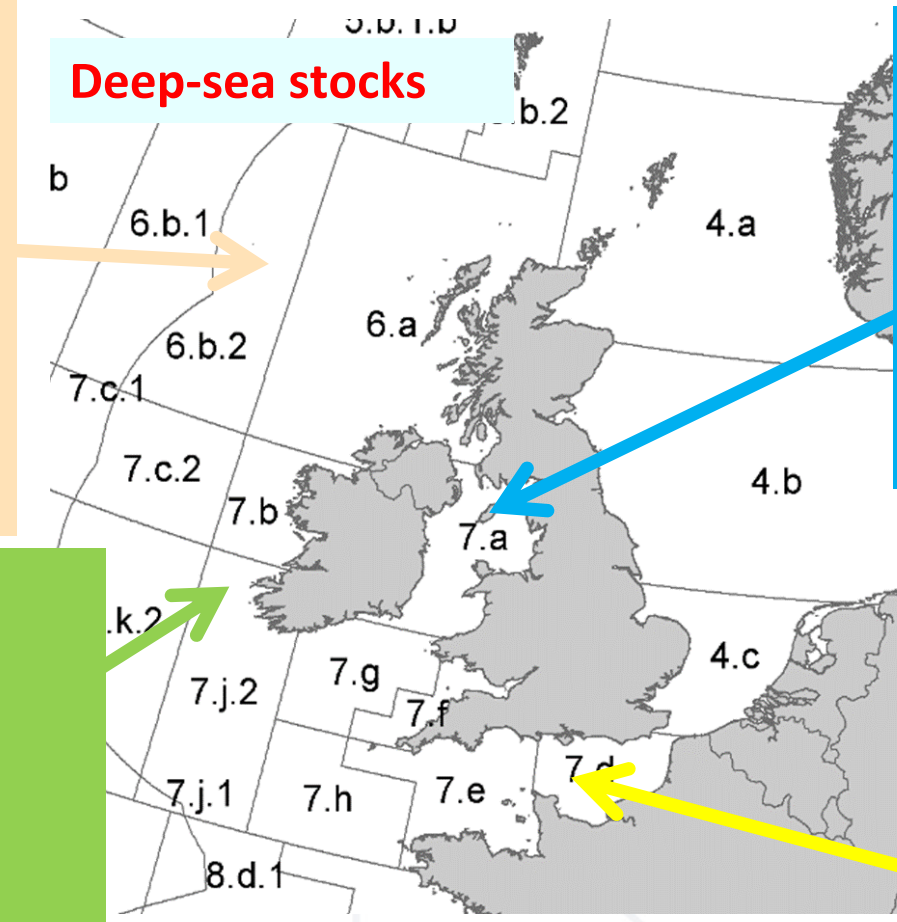
Celtic Sea & West, Southwest Ireland

- Cod (7.e-k)
- Haddock (7.b-k)
- Plaice (CS; 7.h-k; 7.bc)
- Sole (CS; 7.b-c;7.h-k; 7.bc)
- Northern hake
- Anglerfish (7.b-k, 8.abd)
- Megrin (7.b-k, 8.abd)
- Pollack (6,7)
- Sea bass (6.a, 7.b,7.j; 4bc,7ad-h)
- *Nephrops* (FUs 16-17-20-22)

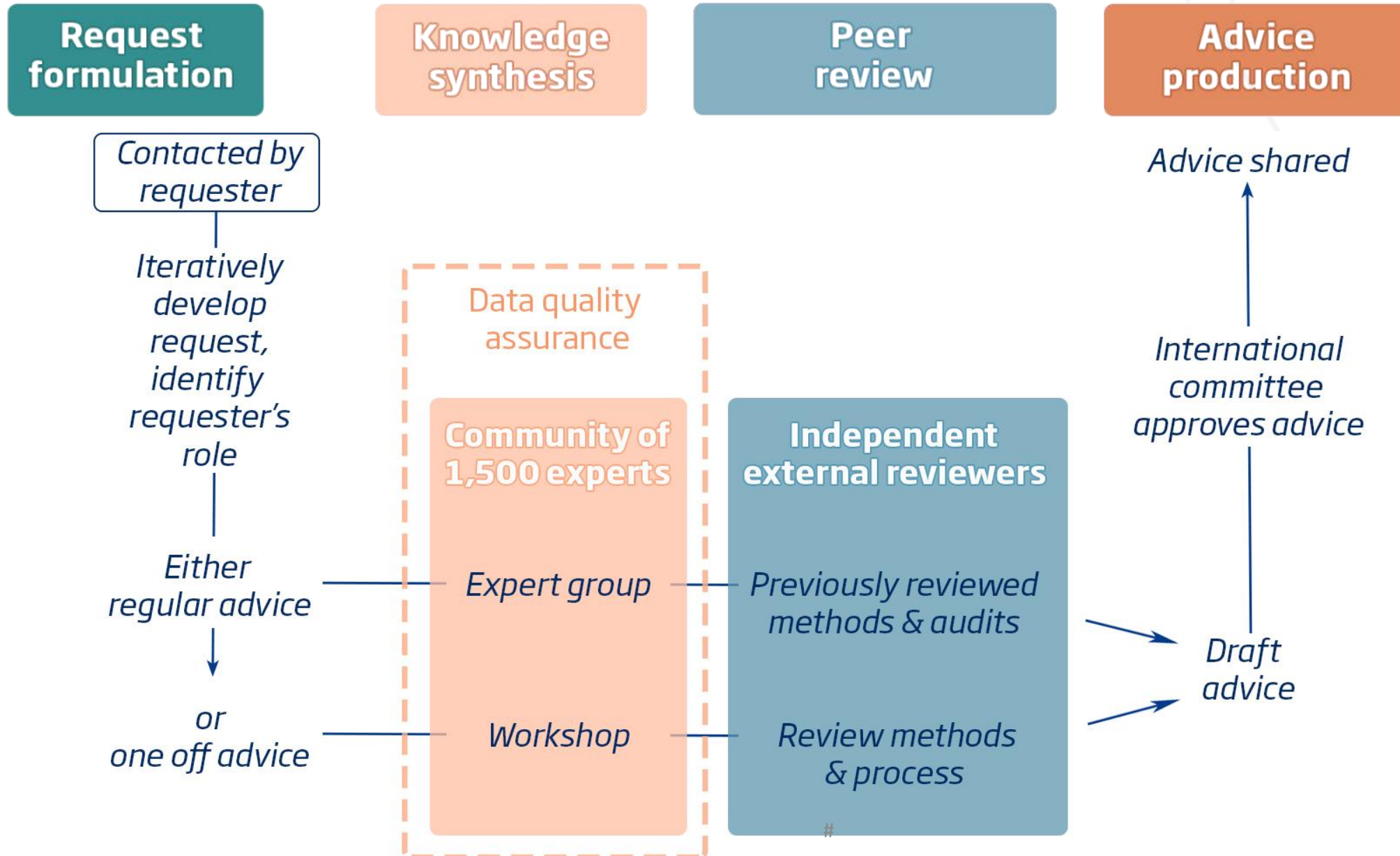
Rays and skates

ADVICE IN AUTUMN FOR:

Whiting (7.e-k) ***Nephrops* (all areas)** **Megrin (6.b)**
Anglerfish (3.a,4,6) **Some English Channel rays**



ICES advice development



Rules for advice on fishing opportunities



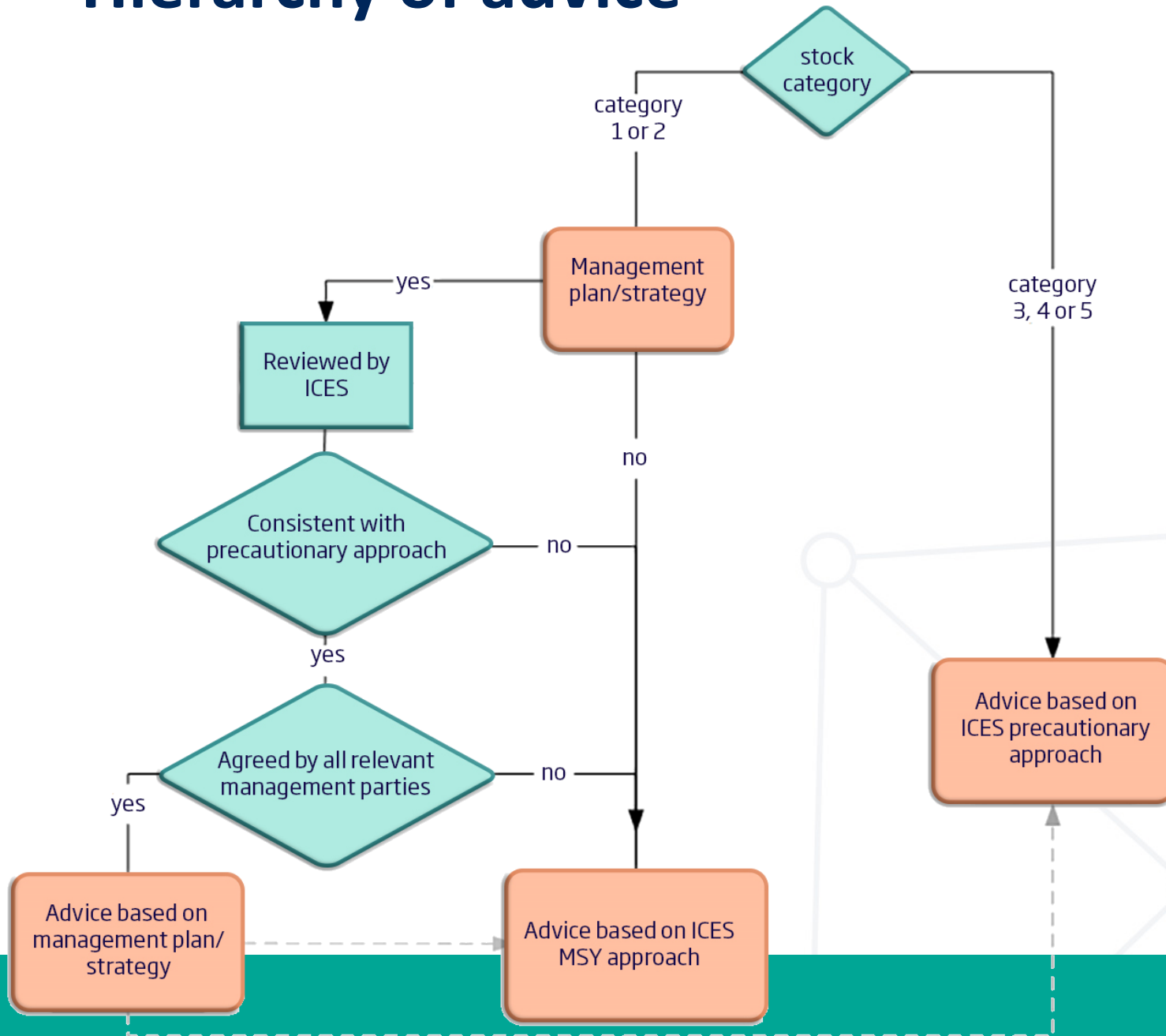
The advice rules applied by ICES in developing advice on fishing opportunities depend on:

- management strategies agreed by relevant management bodies
- the information & knowledge available for the stock

Advice will be based on one of the following:

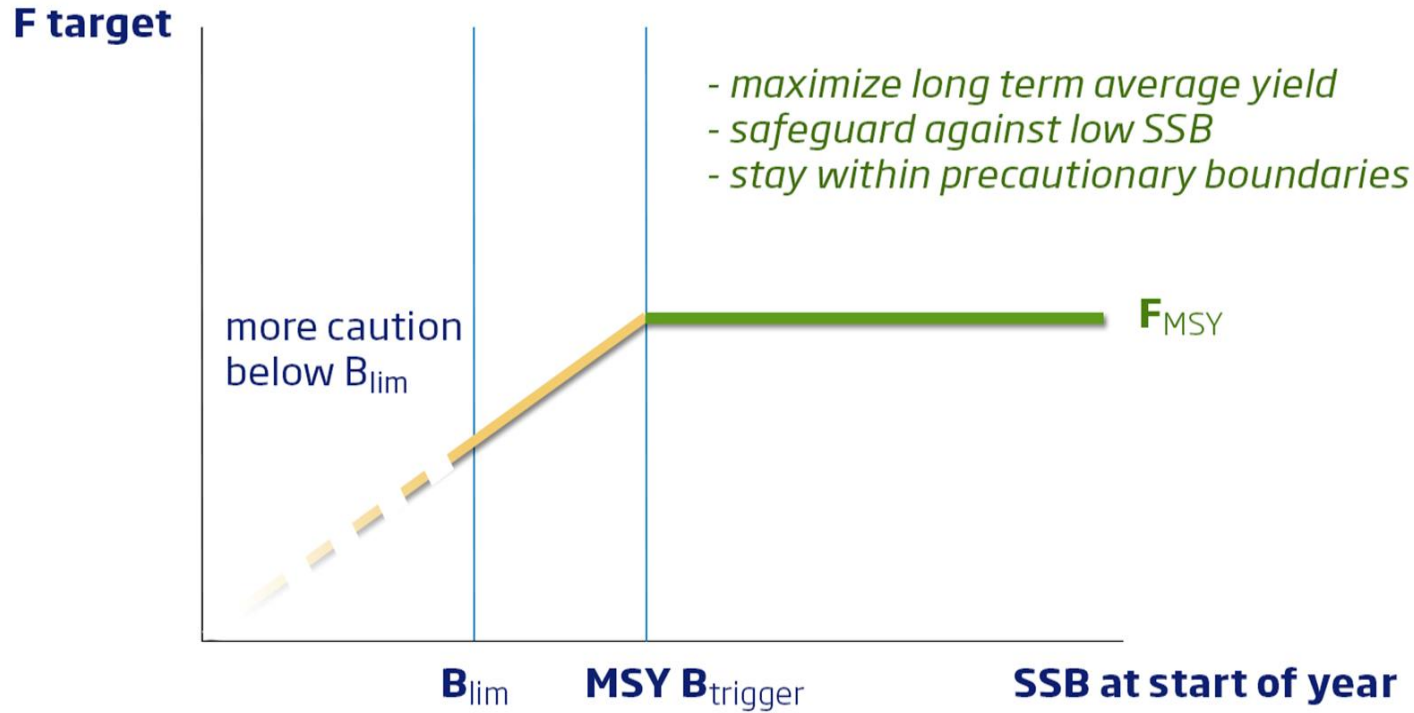
- Management plan
- MSY approach
- Precautionary approach

Hierarchy of advice



- Advice is based on clients requests and is consistent with their policy objectives and frameworks. e.g. EU MAP
- Taking into account precautionary and MSY objectives

ICES MSY approach for category 1 & 2 stocks



For more details, see ‘ [Guide to ICES advisory framework and principles](#) ‘

EU MAPs and F ranges

- The F ranges in the MAPs are consistent with the ranges provided by ICES in 2015 ($F_{MSYlower}$ and $F_{MSYupper}$).
- F ranges evaluated to result in no more than 5% reduction in long-term yield compared with MSY.
- The ranges are considered precautionary:
<5% probability that the stock size will fall below Blim.



Progress on advice related work



- Benchmarks of stocks of interest in 2021

North Sea cod

Whiting in 6.a

Plaice in 7.h-k

Spurdog

Megrim in 6.b

Sole in 7.d

Gurnards in 3-8

- Quality assurance

- ICES Data Management accredited by CoreTrustSeal

- Documentation of dataflows

- Emphasis to be placed on Transparent Assessment Framework



- Upcoming advice and workshops

- Nephrops, Celtic Sea whiting, megrim (6.b) and anglerfish 3a46 – 29 October 2021

- Fisheries and (including mixed fisheries advice) - 30 November 2021

- Ecosystem overviews -12 December 2021

- Reference points workshops: WKREF1: 2-4 November 2021

WKREF2: 11-13 January 2022

Impacts of COVID-19

- Data collection and preparation
 - In general, some reduction in observer and market sampling of catches.
 - A few surveys were cancelled (e.g. UK (E&W)-BTS-Q3 in 7.a; SIAMISS-Q2, NIMIK); other surveys partly affected or delayed (e.g. CGFS).
 - Some delays with data transmission but no major impacts.
- Working groups and advice preparation
 - All ICES meetings have been conducted online.
 - no meetings were cancelled.
 - benchmarks were particularly challenged.
 - working across time zones, inclusion issues.
 - online meetings until at least 31 October.



Impacts of COVID-19

- Impact on advice
 - Reduced sampling may have affected some estimates (e.g. discards, catch distribution, weights at age).
 - Impacts of missing surveys examined through sensitivity analyses.
 - in general, no serious impacts noted because more than one survey used to assess the stocks. (except sole in 7.a).
 - Impacts of COVID-19 documented in advice.
 - Returned to a modified full advice sheet (excludes stock status and information from stakeholder).

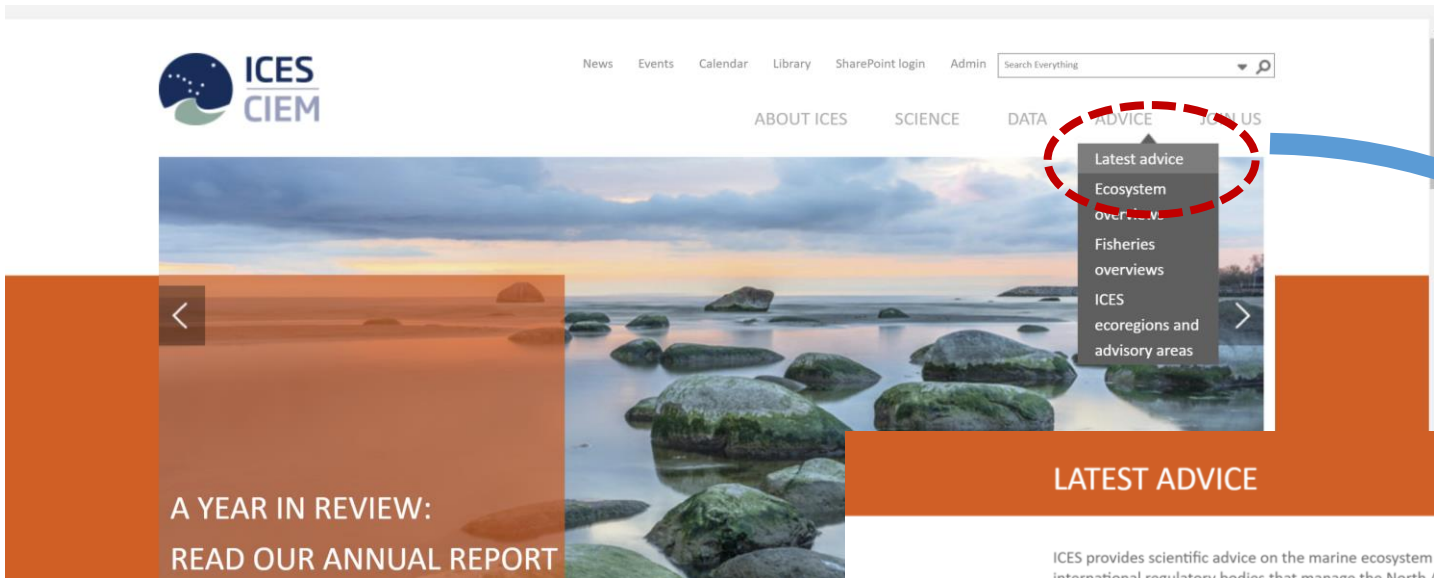


BREXIT

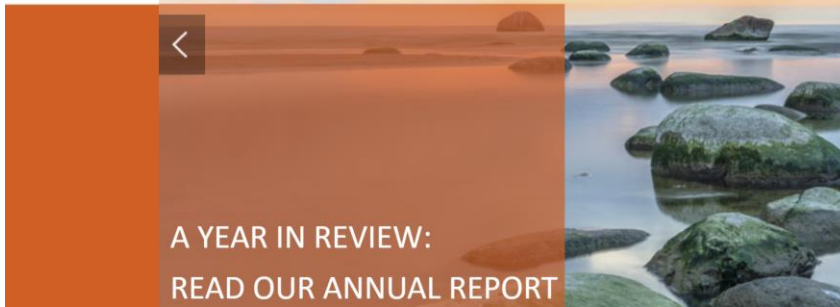
- ICES and UK signed a Memorandum of Understanding that became effective January 1, 2021.
- Continued collaboration of UK scientists in ICES work in 2021.
- Continued coordination of research surveys.
- Headline advice on stocks where both EU and UK have jurisdiction now based on MSY approach (EU MAP included in catch scenarios).



How to find the ICES advice ?



All advice available online at:
<http://www.ices.dk>



LATEST ADVICE

ICES provides scientific advice on the marine ecosystem to governments and international regulatory bodies that manage the North Atlantic Ocean and adjacent seas.

You will find the latest official ICES advice on this page. You can also search for our advice by species and ecoregions in the publications library.

Advice 2021

[Guide to ICES Advisory framework and principles](#)

[Advice on Ecosystem Services and Effects](#)

[Advice on fishing opportunities](#)

[Ecosystem Overviews](#)

[Fisheries Overviews](#)

[Technical Guidelines](#)

Advice by ecoregion

[Baltic Sea, Barents Sea, Bay of Biscay and Iberian coast; Celtic Seas, Greater North Sea, Greenland Sea, Icelandic waters, Norwegian Sea](#)

Advice by species

[Anchovy, Blackspot seabream, Blue ling, Cod, Deep-sea species, Flounder, Greater silver smelt, Greenland halibut, Haddock, Herring, Horse mackerel, Ling, Plaice, Redfish, Salthe, Salmon, Sandeel, Sea trout, Shrimp, Sprat, Tusk](#)

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for your
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