

Science for Sustainable Development in Areas Beyond National Jurisdiction – how can ICES Support Evidence Needs in the Central Arctic Ocean?



Second International Science and Policy Conference on
Implementation of the Ecosystem Approach to
Management in the Arctic
Bergen, Norway 25-25 June
Anne Christine Brusendorff, ICES General Secretary



ICES – a Global Scientific Platform



ICES - from Science & Data to Scientific Advice



ICES Strategic and Science Plans



Vision

To be a world-leading marine science organization, effectively meeting societal needs for impartial evidence on the state and sustainable use of our seas and oceans.

Mission

To advance and share scientific understanding of marine ecosystems and the services they provide, and to use this knowledge to generate state-of-the-art advice on meeting conservation, management, and sustainability goals.

A photograph of a coastal town with white buildings and a lighthouse, situated on a rocky peninsula overlooking the ocean.

STRATEGIC
PLAN

An underwater photograph showing sunlight filtering through the water, creating a bright, shimmering effect.

SCIENCE
PLAN



Working with Partners in the Arctic



Scientific Experts meetings on Fish Stocks in the Central Arctic Ocean - 2018
Agreement to Prevent Unregulated High Seas Fisheries in the Central Arctic
Ocean (CAOF Agreement)

Arctic Science Ministerial 3rd in 2020 in Japan Co-hosted by Iceland



Products – relation to Political and Legal Instruments

Arctic Council - LMEs

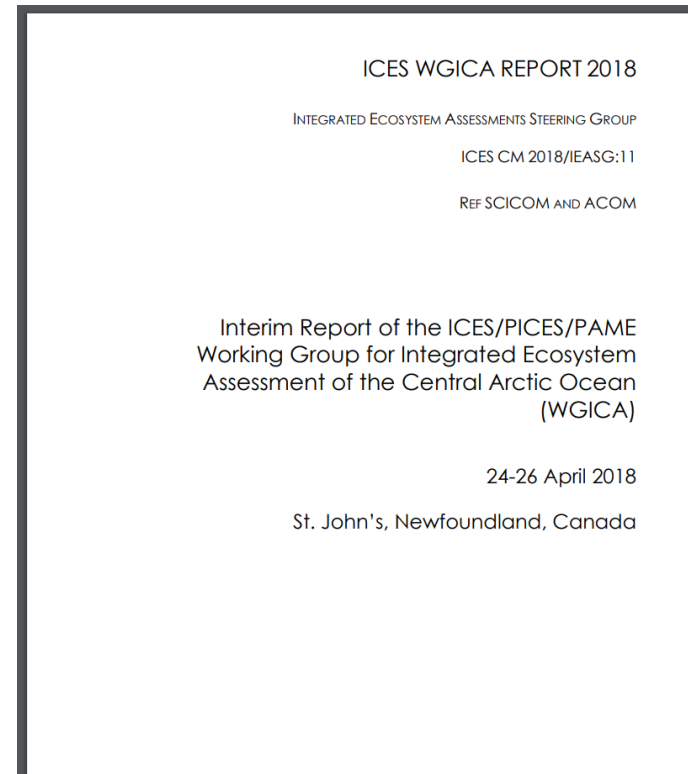
Ecosystem Overviews

- description of the ecosystems
- main human pressures
- affect to key ecosystem components
- tool for communication – managers and stakeholders



Arctic and ABNJ

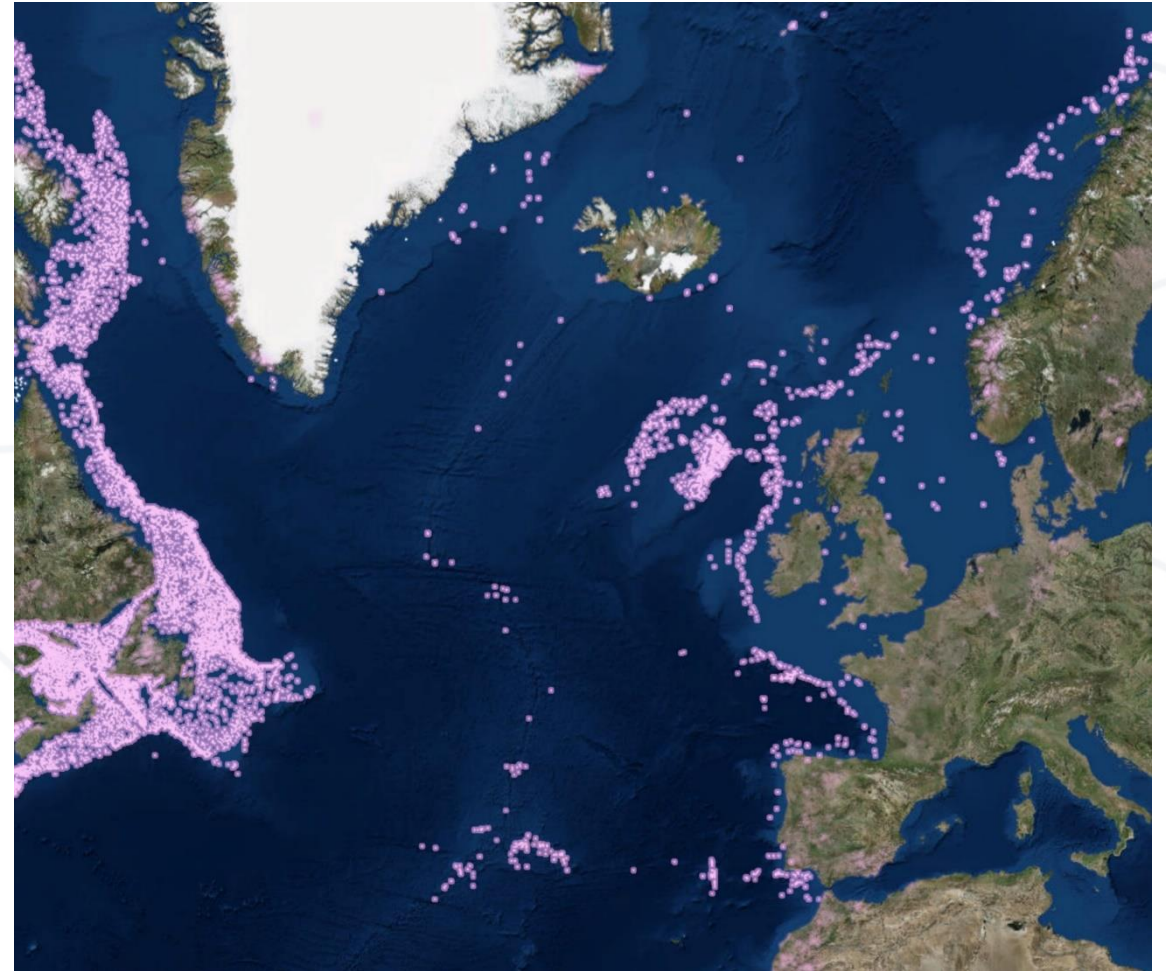
Joint ICES PICES Arctic Council (PAME) State of the Central Arctic Ocean report



Arctic and UN BBNJ negotiations

ICES Vulnerable Deep-Water
Marine Ecosystem database
(VMEs – UN Resolution)

ICES annual advice on VME and
fishing in NE Atlantic ABNJ –
basis for 13 closures to bottom
fishing in Northeast Atlantic
ABNJ

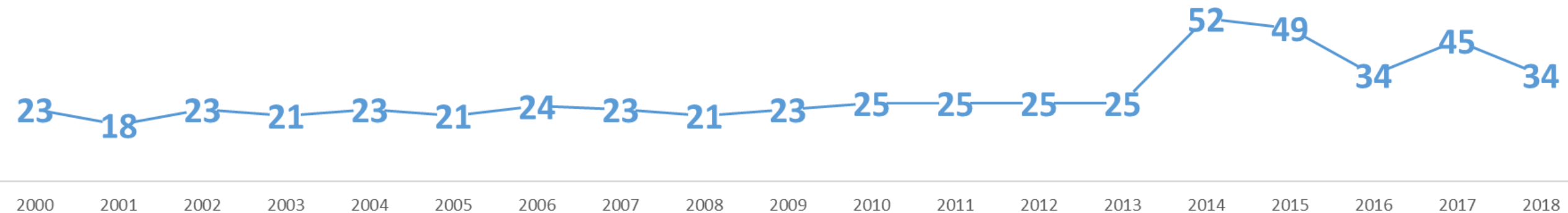


Arctic and Fisheries – 2018 CAO Fisheries Agreement



ICES provides annual advice on 35 to 50 fish stocks in the Atlantic ABNJ

Number of stocks with published ICES advice in Atlantic ABNJ per year



Integrating all knowledge

ICES data and advice processes, supported by industry-science initiatives and stakeholder engagement

Move to explore this further and propose a generalised road map

Build on this experience to listen and incorporate knowledge from other communities, such as indigenous people and other local communities

Precondition to Provide Scientific Advice – in the Arctic and for A/BBNJ – with Cooperation Partners



Coordinated strategy for collection, sharing and use of data for information products

Used to provide best available science

Contributing to scientific advice for decision-makers to take management decisions according to agreed political or legal mandates

ICES has experience in all three areas – and can provide a functional global platform

ICES UN GA Observer Status



ICES
CIEM



2021 United Nations Decade
2030 of Ocean Science
for Sustainable Development



Science for sustainable seas



Thank You



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Science for sustainable seas

Jeremy Potter, NOAA