

# Working in Partnership



Neil Holdsworth,  
International Council for the Exploration of the Sea (ICES)

50<sup>th</sup> Anniversary of the British Oceanographic Data Centre  
Liverpool, 8<sup>th</sup> May, 2019



# 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 for meeting conservation, management, and sustainability goals.



# How we work



Knowledge creation and sharing



Evidence based scientific advice



Data, tools and techniques



Training, conferences, and workshops

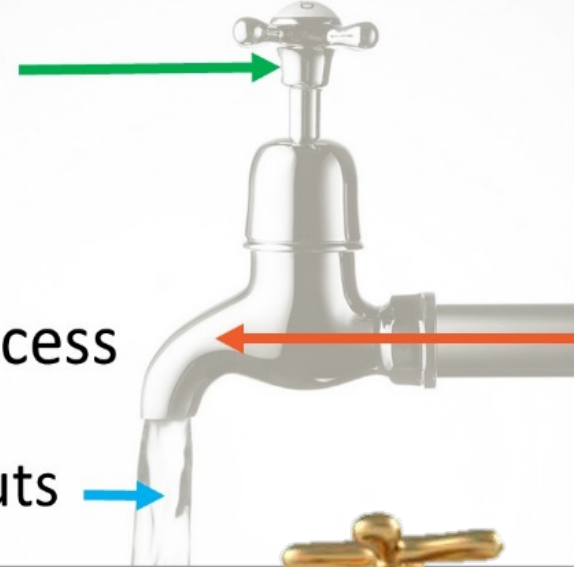
Science for sustainable seas



# A common mission



Data supply

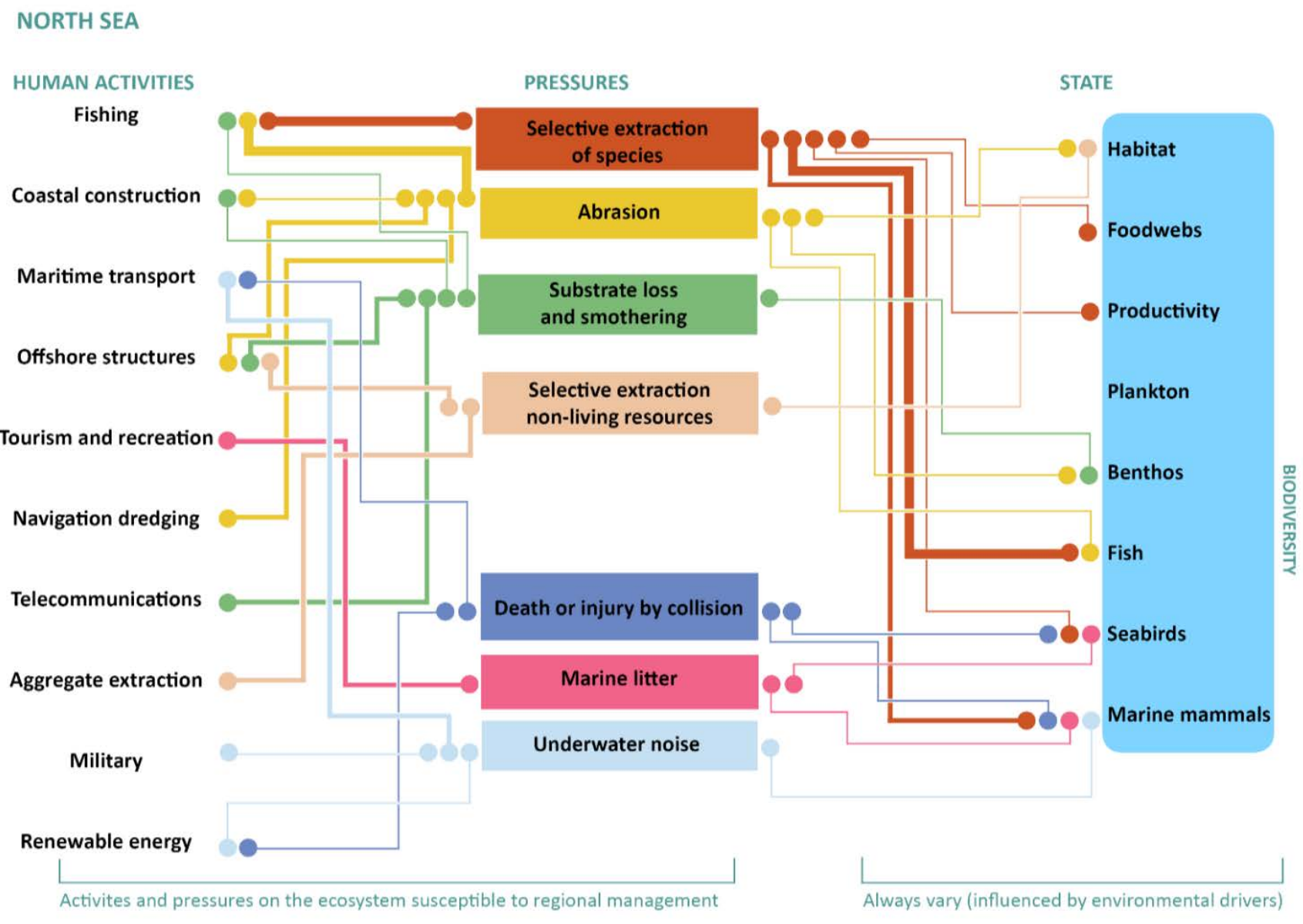


Science process

Advice outputs



Science the seas



# The Lesley slide...

HOW STANDARDS PROLIFERATE:  
(SEE: A/C CHARGERS, CHARACTER ENCODINGS, INSTANT MESSAGING, ETC)



# BODC and ICES



# Acronyms!



## **BODC:**

MEDIN, MERMAN, GLOSS, NVS, NTSLF,  
SeaVox, P01 etc.

## **ICES:**

DIG, DOME, ERF, WKACIDUSE, RECO,  
PARAM etc.



<http://data.ices.dk/DataMiningICESLibrary>

Science for sustainable seas

lesley Rickards		Search expression per Year	Search per Year per Acronym	Find documents
Year	Acronym	Expression	NoOccurrences	
1999	N/A	lesley Rickards	4	
2001	WGMDM	lesley Rickards	1	
2002	OCC	lesley Rickards	2	
2002	WGMDM	lesley Rickards	1	
2003		lesley Rickards	3	
2003	OCC	lesley Rickards	1	
2003	SGMID	lesley Rickards	1	
2003	WGMDM	lesley Rickards	2	
2004		lesley Rickards	1	
2004	SGMID	lesley Rickards	4	
2004	WGMDM	lesley Rickards	5	
2005	WGMDM	lesley Rickards	1	
2006	SGMID	lesley Rickards	2	
2007		lesley Rickards	1	
2007	WGDIM	lesley Rickards	2	
2008		lesley Rickards	1	
2012	WGDIM	lesley Rickards	1	
2014	<a href="#">DIG</a>	lesley Rickards	2	
2015	<a href="#">DIG</a>	lesley Rickards	2	
2016	<a href="#">DIG</a>	lesley Rickards	1	
2017	<a href="#">DIG</a>	lesley Rickards	1	
2018	<a href="#">DIG</a>	lesley Rickards	1	

## DATA MINING ICES LIBRARY

[Search Expression](#) / [Search Per Acronym](#) / [Search Per Document](#) / [Webservices](#)

roy lowry		Search expression per Year	Search per Year per Acronym
Year	Expression	NoOccurrences	
1999	roy lowry	3	
2001	roy lowry	1	
2004	roy lowry	1	
2006	roy lowry	1	
2007	roy lowry	1	
2014	roy lowry	1	



# BODC and ICES



# Vocabs!



British Oceanographic Data Centre  
NATURAL ENVIRONMENT RESEARCH COUNCIL

HOME SEARCH THE DATA SUBMIT YOUR DATA PROJECTS RESOURCES ABOUT

## Resources

Resources > Vocabularies > Vocabulary search

## Vocabulary search

Simple search for vocabularies →

Advanced search for vocabularies

Simple search within a vocabulary

Advanced search within a vocabulary



ICES CIEM

EXPLORE US NEWS AND EVENTS MARINE DATA PUBLICATIONS COMMUNITY

## VOCABULARIES

Print it Send to f t in Share it

Select a data theme Search by keyword  Contains  Begins With  Ends With

Leave blank to see all Search

+ Show advanced search

Release Date: May 7 2019 4:00AM

> Showing all Themes

Tools & Resources ICES Codes [43767] External Codes [52741] Code Types [357]

A list of all Code Types available in the selected Theme(s). (Click a CodeType link to view the list of Codes).

Choose Page size: 100

CodeType	Description	VerX	VerY	Created	Modified
<a href="#">ABUNDSC</a>	Abundance coverage scale values for PARAM ABUNDSC	1	3	2016-06-23	2017-09-01
<a href="#">AC AcousticDataType</a>	Acoustic data type	1	3	2016-06-03	2017-01-19

02-Mar-2010	Marilynn Sorensen	Add or Correct Attribute	Info Source	<a href="http://www.seasearcher.com/lmiu/vessels/overview.htm?vesselID=67722">http://www.seasearcher.com/lmiu/vessels/overview.htm?vesselID=67722</a>
02-Mar-2010	Marilynn Sorensen	Add or Correct Attribute	Info Source Type	URL
02-Mar-2010	Roy Lowry	Add or Correct Attribute	Notes	Built in 1964 as a Ro-Ro ferry named Finn hansa. Sold to Birka lines in 1978 and rebuilt as a cruise ship name Prinsessan. Sold to Louis lines in 1987 and renamed Princessa Marissa. Scrapped in 2008.
02-Mar-2010	Roy Lowry	Add or Correct Attribute	Platform Class - BODC/SeaDatenet L06 list	32: Vessel of opportunity
02-Mar-2010	Marilynn Sorensen	Change Value	Previous name	Prinsessan
02-Mar-2010	Roy Lowry	Add or Correct Attribute	Previous name	Prinsessen

01-Mar-2013	Marilynn Sorensen	Add or Correct Attribute	Current Length	289.57
01-Mar-2013	Marilynn Sorensen	Add or Correct Attribute	Decommissioned	1999
01-Mar-2013	Marilynn Sorensen	Add or Correct Attribute	IMO	7207140
01-Mar-2013	Marilynn Sorensen	Change Value	Info Source	<a href="http://www.poheritage.com/Content/Mimsy/Media/factsheet/92887CARDIGAN-BAY-1972pdf.pdf">http://www.poheritage.com/Content/Mimsy/Media/factsheet/92887CARDIGAN-BAY-1972pdf.pdf</a>
01-Mar-2013	Marilynn Sorensen	Add or Correct Attribute	Info Source	<a href="http://en.wikipedia.org/wiki/HMS_Cardigan_Bay_(K630)">http://en.wikipedia.org/wiki/HMS_Cardigan_Bay_(K630)</a>
01-Mar-2013	Marilynn Sorensen	Add or Correct Attribute	Info Source Type	URL
06-Mar-2013	Roy Lowry	Add or Correct Attribute	Current Length	290



# Why ICES



# BODC



- BODC advise us (ocean database, accreditation)
- BODC push us (semantic vocabs, adoption of standards)
- BODC listen to us (most of the time)
- BODC and ICES have people at their core





**Congratulations  
BODC @50!**