Niels Madsen - DTU Orbit (22/01/2018)
Niels Madsen

Publications:

**Codend selectivity in a commercial Danish anchor seine**
Publication: Research - peer-review › Journal article – Annual report year: 2017

**Danish seine – Ecosystem effects of fishing**
Publication: Research › Conference abstract for conference – Annual report year: 2017

**Development and testing of a separator frame in a Norway lobster Nephrops norvegicus fishery**
Publication: Research - peer-review › Journal article – Annual report year: 2017

**Development and test of selective sorting grids used in the Norway lobster (Nephrops norvegicus) fishery**
Publication: Research - peer-review › Journal article – Annual report year: 2016

**Effect of fisher’s soak tactic on catch pattern in the Danish gillnet plaice fishery**
Publication: Research - peer-review › Journal article – Annual report year: 2017

**Estimating escapement of fish and invertebrates in a Danish anchor seine**
Publication: Research - peer-review › Journal article – Annual report year: 2017

**Fishing profiles of Danish seiners and bottom trawlers in relation to current EU management regulations**
Publication: Research - peer-review › Journal article – Annual report year: 2017

**Danish seine – Ecosystem effects of fishing (gear performance trials)**
Publication: Research › Poster – Annual report year: 2017

**Testing the effect of soak time on catch damage in a coastal gillnetter and the consequences on processed fish quality**
Publication: Research - peer-review › Journal article – Annual report year: 2016

**Behavior of different trawl codend concepts**
Publication: Research - peer-review › Journal article – Annual report year: 2015

**Danish seine – ecosystem effects of fishing**
Publication: Research › Conference abstract for conference – Annual report year: 2015

**Developing a computer vision method to quantify impact on seabed of bottom gillnets**
Publication: Research › Poster – Annual report year: 2015

**Discard overlevelse**
Publication: Research › Report – Annual report year: 2015

**DTU Aqua kigger på discard overlevelse**
Publication: Communication › Newspaper article – Annual report year: 2015

**How can discards in European fisheries be mitigated? Strengths, weaknesses, opportunities and threats of potential mitigation methods**
Publication: Research - peer-review › Journal article – Annual report year: 2015
Improving the performance of a grid used in Norway lobster fisheries
Publication: Research - peer-review › Journal article – Annual report year: 2015

Live and let die: The rapid development of research to assess survival of discards in European fisheries
Publication: Research › Conference abstract for conference – Annual report year: 2015

Sustainable development of the Nephrops fishery in the Kattegat-Skagerrak region
Publication: Research › Report – Annual report year: 2015

Danish seine - An environmental friendly fishing method?
Publication: Research › Poster – Annual report year: 2014

Discarded fish in European waters: general patterns and contrasts
Publication: Research - peer-review › Journal article – Annual report year: 2013

Discards of Danish set nets fisheries in the Kattegat
Publication: Research › Poster – Annual report year: 2014

Fangstmetoden ved snurrevod skal udvikles
Publication: Communication › Newspaper article – Annual report year: 2014

Using inferred drivers of discarding behaviour to evaluate discard mitigation measures
Publication: Research - peer-review › Journal article – Annual report year: 2013

Værdioptimering af fiskefangsten i dansk blandet fiskeri (VærdiFisk) - forbedret kvalitet og selektion som følge af redskabsudvikling
Publication: Commissioned › Report – Annual report year: 2014

Bæredygtigt jomfruhummerfiskeri : Sustainable Norway lobster fishing
Publication: Research › Poster – Annual report year: 2013

Development of sorting grids for Norway lobster fisheries
Publication: Research › Poster – Annual report year: 2013

Discarding of plaice (Pleuronectes platessa) in the Danish North Sea trawl fishery
Publication: Research - peer-review › Journal article – Annual report year: 2012

Dokumentation af selektiv effekt af SELTRA 180: Slutrapport til Ministeriet for Fødevarer, Landbrug og Fiskeri
Publication: Commissioned › Report – Annual report year: 2013

Forsøgsfiskeri med jomfruhummertjeiner i det permanent lukkede område i Kattegat
Publication: Research › Report – Annual report year: 2014

Højere kvalitet på trawlfangst hummerfisk
Publication: Research › Poster – Annual report year: 2013

Improving selectivity in trawl fisheries
Publication: Research - peer-review › Book chapter – Annual report year: 2013
Optimization of fisheries resource exploitation in the Skagerrak (Oskar)
Publication: Research › Report – Annual report year: 2012

Spatiotemporal variability of North Sea cod discards
Publication: Research › Poster – Annual report year: 2012

The impact of gear regulation changes on discard rates: the case of the Baltic Sea cod fishery
Publication: Research › Conference abstract for conference – Annual report year: 2012

Design, udvikling og dokumentation af et selektivt trawl til demersalt fiskeri i Nordsøen
Publication: Research › Report – Annual report year: 2011

Development of a codend concept to improve size selectivity of Nephrops (Nephrops norvegicus) in a multi-species fishery
Publication: Research - peer-review › Journal article – Annual report year: 2011

Discard of plaice (Pleuronectes platessa) in the Danish North Sea trawl fishery
Publication: Research › Poster – Annual report year: 2011

Size selection of haddock (Melanogrammus aeglefinus) in square mesh codends: A study based on assessment of decisive morphology for mesh penetration
Publication: Research - peer-review › Journal article – Annual report year: 2011

Udvikling og demonstration af en selektiv sorteringsrist til jomfruhummerfiskeriet
Publication: Research › Report – Annual report year: 2011

A simulation-based attempt to quantify the morphological component of size selection of Nephrops norvegicus in trawl codends
Publication: Research - peer-review › Journal article – Annual report year: 2010

Development and test of a remotely operated Minisampler for discrete trawl sampling
Publication: Research › Poster – Annual report year: 2010

Development of new concepts for escape windows to minimise cod catches in Norway lobster fisheries
Publication: Research - peer-review › Journal article – Annual report year: 2010

Diversifying the uses of the Danish Discard data collection programme
Publication: Research › Poster – Annual report year: 2010

DTU Aqua tester fleksible sorteringsriste
Publication: Communication › Newspaper article – Annual report year: 2010

Improving selectivity of the Baltic cod pelagic trawl fishery: Experiments to assess the next step
Publication: Research - peer-review › Journal article – Annual report year: 2010

Report of the Study Group on Turned 90° Codend Selectivity, focusing on Baltic Cod Selectivity (SGTCOD)
Publication: Research › Report – Annual report year: 2011

Selective haddock (Melanogrammus aeglefinus) trawling: Avoiding cod (Gadus morhua) bycatch
Publication: Research - peer-review › Journal article – Annual report year: 2010
Selectivity and escapement behaviour of five commercial fishery species in standard square- and diamond-mesh codends
Publication: Research - peer-review › Journal article – Annual report year: 2010

Studies and pilot projects for carrying out the common fisheries policy. Topic: LOT 3, Scientific advice concerning the impact of the gears used to catch plaice and sole - Open call for tenders FISH/2007/7 - Final report: Section A: Compliance with TORs, exec. summary and summ. by task
Publication: Research › Report – Annual report year: 2010

Studies and pilot projects for carrying out the common fisheries policy. Topic: LOT 3, Scientific advice concerning the impact of the gears used to catch plaice and sole - Open call for tenders FISH/2007/7 - Final report: Section B: Description fleet targeting flatfish in the North Sea
Publication: Research › Report – Annual report year: 2010

Studies and pilot projects for carrying out the common fisheries policy. Topic: LOT 3, Scientific advice concerning the impact of the gears used to catch plaice and sole - Open call for tenders FISH/2007/7 - Final report: Section C: Scenario 1 – general mesh size increase
Publication: Research › Report – Annual report year: 2010

Studies and pilot projects for carrying out the common fisheries policy. Topic: LOT 3, Scientific advice concerning the impact of the gears used to catch plaice and sole - Open call for tenders FISH/2007/7 - Final report: Section D: Scenario 2 – reconversion to alternative fishing methods
Publication: Research › Report – Annual report year: 2010

Studies and pilot projects for carrying out the common fisheries policy. Topic: LOT 3, Scientific advice concerning the impact of the gears used to catch plaice and sole - Open call for tenders FISH/2007/7 - Final report: Section E: Scenario 3 – reconversion to static gears
Publication: Research › Report – Annual report year: 2010

Studies and pilot projects for carrying out the common fisheries policy. Topic: LOT 3, Scientific advice concerning the impact of the gears used to catch plaice and sole - Open call for tenders FISH/2007/7 - Final report: Section F: Environmental impact of fishing in the North Sea
Publication: Research › Report – Annual report year: 2010

Studies and pilot projects for carrying out the common fisheries policy. Topic: LOT 3, Scientific advice concerning the impact of the gears used to catch plaice and sole - Open call for tenders FISH/2007/7 - Final report: Section G: Overview of possible alternative fishing methods in the North Sea
Publication: Research › Report – Annual report year: 2010

Test of improved escape window concepts to minimise cod catches in Norway lobster fisheries
Publication: Research › Report – Annual report year: 2010

Test og demonstration af en selektiv topløs trawl
Publication: Research › Report – Annual report year: 2010

Use of selective devices in trawls to support recovery of the Kattegat cod stock: a review of experiments and experience
Publication: Research - peer-review › Journal article – Annual report year: 2010

A study of fish behaviour in the extension of a demersal trawl using a multi-compartment separator frame and SIT camera system
Publication: Research - peer-review › Journal article – Annual report year: 2009

Brugør vi de mest optimale maskefasoner og størrelser i dansk fiskeri?
Publication: Research › Poster – Annual report year: 2009
Can codend selectivity of Nephrops be explained by morphology?
Publication: Research › Poster – Annual report year: 2009

Computersimulering - et værktoy for fiskeriforvaltningen?
Publication: Research › Poster – Annual report year: 2009

Evaluation of three levels of selective devices relevant to management of the Danish Kattegat-Skagerrak Nephrops fishery
Publication: Research › Peer-review › Journal article – Annual report year: 2009

Improving selectivity of the Baltic cod trawl fishery: Experiments to assess the next step
Publication: Research › Poster – Annual report year: 2009

Kullertrawl fanger færre torsk
Publication: Communication › Newspaper article – Annual report year: 2009

Modelling escapement during the fishing process as a dual sequence - Introducing SELNET
Publication: Research › Poster – Annual report year: 2009

Prediction of selectivity from morphological conditions: Methodology and a case study on cod (Gadus morhua)
Publication: Research › Peer-review › Journal article – Annual report year: 2009

Quantification of species selectivity by using separating device at different locations in two whitefish demersal trawls
Publication: Research › Peer-review › Journal article – Annual report year: 2009

Publication: Research › Report – Annual report year: 2009

Selectivity and escape percentages during three phases of the towing process for codends fitted with different selection systems
Publication: Research › Peer-review › Journal article – Annual report year: 2009

Studies and pilot projects for carrying out the common fisheries policy: Topic: LOT 3, Scientific advice concerning the impact of the gears used to catch plaice and sole: Interim report
Publication: Research › Report – Annual report year: 2009

Test of improved escape window concepts to minimise cod catches in Norway lobster fisheries
Publication: Research › Poster – Annual report year: 2009

The vertical separation of fish in the aft end of a demersal trawl
Publication: Research › Peer-review › Journal article – Annual report year: 2009

Use of selective devices in trawls to support recovery of the Kattegat cod - a review on experiments and experience
Publication: Research › Poster – Annual report year: 2009

Comparison of selective properties for nettings when used in normal direction versus in 90 degrees turned direction
Publication: Research › Poster – Annual report year: 2008

Evaluation of a simple means to reduce discard in the Kattegat-Skagerrak Nephrops (Nephrops norvegicus) fishery: Commercial testing of different codends and square-mesh panels
Publication: Research › Peer-review › Journal article – Annual report year: 2008
Selectivity and escape percentages during three phases of the towing process for a diamond-mesh codend, a codend with Exit Windows and a codend fitted with a sorting grid
Publication: Research › Conference abstract in proceedings – Annual report year: 2008

Selectivity in a trawl codend during haul-back operation: An overlooked phenomenon
Publication: Research - peer-review › Journal article – Annual report year: 2008

Simulering af selektivitet i fiskeredskaber
Publication: Research › Report – Annual report year: 2008

Trawl skal slippe torsk fri af hummerfiskeriet
Publication: Communication › Newspaper article – Annual report year: 2008

Udvikling af selektive trawl til danske fiskerier - SELTRA
Publication: Research › Report – Annual report year: 2008

Udmålsumannere sorteres fra
Publication: Communication › Newspaper article – Annual report year: 2008

Assessing the survival of fish escaping from trawls
Publication: Research › Sound/Visual production (digital) – Annual report year: 2007

Danish Final Rapport - EU project RECOVERY Q5RS-2002-00935
Publication: Research › Report – Annual report year: 2007

FISHSELECT - Development of methodology
Publication: Research › Poster – Annual report year: 2007

FISHSELECT - Study of cod (Gadus morhua)
Publication: Research › Poster – Annual report year: 2007

FISHSELECT - Study of plaice (Pleuronectes platessa)
Publication: Research › Poster – Annual report year: 2007

Projekt SURVIVAL – en undersøgelse af overlevelsen hos fisk der undslipper gennem maskerne på trawl
Publication: Research › Conference abstract for conference – Annual report year: 2007

Selectivity of fishing gears used in the Baltic Sea cod fishery
Publication: Research - peer-review › Journal article – Annual report year: 2007

Slutrapport TEMAS (Technical measures - development of evaluation model and application in danish fisheries)
Publication: Research › Report – Annual report year: 2007

SURVIVAL: An assessment of mortality in fish escaping from trawl codends and its use in fisheries management. EU final report
Publication: Research › Report – Annual report year: 2007

Assessment of vertical preferences of commercial species in a mixed species gear: A methodological study
Publication: Research › Poster – Annual report year: 2006

Demonstration af selektive jomfruhummertrawl
Publication: Research › Report – Annual report year: 2006
Development and testing of a species-selective flatfish ottertrawl to reduce cod bycatches
Publication: Research - peer-review › Journal article – Annual report year: 2006

Forsøg med 140 mm kvadratmaske panel
Publication: Research › Report – Annual report year: 2006

Forsøg med to typer selektive konsumtrawl
Publication: Research › Report – Annual report year: 2006

Gear technological approaches to reduce un-wanted by-catch in commercial Norway pout fishery in the North Sea
Publication: Research › Article in proceedings – Annual report year: 2006

Gill net selectivity for perch (Perca fluviatilis) from the Szczecin lagoon, Poland
Publication: Research - peer-review › Journal article – Annual report year: 2006

Modelling the effect of interaction between fish morphology and mesh shapes on discard levels in mixed fisheries
Publication: Research › Poster – Annual report year: 2006

Simulation of catch and discard for a fishing gear - demonstrating the PRESEMO software
Publication: Research › Poster – Annual report year: 2006

The selectivity and survival of fish escaping from a trawl codend at depth and at the surface
Publication: Research › Poster – Annual report year: 2006

Forsøg med selektive jomfruhummer trawl
Publication: Research › Journal article – Annual report year: 2005

Selectivity experiments to estimate the effect of escape windows in the Skagerak roundfish fishery
Publication: Research - peer-review › Journal article – Annual report year: 2005

Forsøg med selektive jomfruhummertrawl
Publication: Research › Report – Annual report year: 2004

Assessment of the cover effect in trawl codend selectivity experiments
Publication: Research - peer-review › Journal article – Annual report year: 2002

Escape windows to improve the size selectivity in the Baltic cod trawl fishery
Publication: Research - peer-review › Journal article – Annual report year: 2002

The effect of twine thickness on the size selectivity and fishing power of Baltic cod gill nets
Publication: Research - peer-review › Journal article – Annual report year: 2002

Danish experiments with a grid system tested in the North Sea shrimp fishery
Publication: Research - peer-review › Journal article – Annual report year: 2001

Improving and estimating the selectivity of codends for the pelagic Baltic cod fishery
Publication: Research › Article in proceedings – Annual report year: 2001

Improving and estimating the selectivity of codends for the pelagic Baltic cod fishery. Final report for the Commission
Publication: Research › Report – Annual report year: 2001
Publication: Research › Report – Annual report year: 2001

Report of the scientific meeting on technical measures for the fisheries on Baltic cod, Brussels 20-24 august 2001
Publication: Research › Report – Annual report year: 2001

Scientific expert meeting on future research in relation to additional improbement of the exploitation pattern of demersal species in the North Sea, 9-10 october, 2001 Brussels
Publication: Research › Report – Annual report year: 2001

Selectivity of square mesh top and side panels in the North Sea whitefish fisheries
Publication: Research › Report – Annual report year: 2001

Sorteringsriste reducerer bifangsten af fisk i rejefiskeriet
Publication: Research › Journal article – Annual report year: 2001

The kite cover : a new concept for covered codend selectivity studies
Publication: Research › peer-review › Journal article – Annual report year: 2001

Development and testing of grids for the North Sea and Skagerak shrimp fishery
Publication: Research › Report – Annual report year: 2000

Experimental adjustments of the escape window position in trawl codends - implication for Baltic Sea cod fishery
Publication: Research › peer-review › Journal article – Annual report year: 2000

Methods to estimate and improve the selectivity of trawls and gill nets
Publication: Research › Ph.D. thesis – Annual report year: 2000

Size selectivity and relative fishing power of Baltic cod gill nets
Publication: Research › peer-review › Journal article – Annual report year: 2000

Statistical modelling and analysis of gill net size selectivity data
Publication: Research › peer-review › Journal article – Annual report year: 2000

The effect of twine thickness in Cod gill nets
Publication: Research › Article in proceedings – Annual report year: 2000

Alternative methods to improve the selectivity of trawls: Ph.D.-papers in technology and science, autumn 1999
Publication: Research › Book chapter – Annual report year: 1999

Gillnet selectivity for North Sea Atlantic cod (Gadus morhua): model ambiguity and data quality are related
Publication: Research › peer-review › Journal article – Annual report year: 1999

Selectivity experiments with escape windows in the North Sea Nephrops (Nephrops norvegicus) trawl fishery
Publication: Research › peer-review › Journal article – Annual report year: 1999

Size selectivity of sole gill nets fished in the North Sea
Publication: Research › peer-review › Journal article – Annual report year: 1999
Alternative methods to improve selectivity of towed fishing gears: Report for the European Commission, DG 14
Publication: Research › Report – Annual report year: 1994

Measurements of the selectivity of Nephrops and demersal roundfish species in conventional and square mesh panel codends in the northern North Sea
Publication: Research › Article in proceedings – Annual report year: 1994

Selectivity in Danish conventional and square mesh panel codends during Nephrops sea trials in the northern North Sea
Publication: Research › Article in proceedings – Annual report year: 1994

Selectivity in standard and square mesh Nephrops trawls: Report for the Commission
Publication: Research › Report – Annual report year: 1993

Selectivity in standard and square mesh Nephrops trawls
Publication: Research › Report – Annual report year: 1992

Projects:

Discard survival (DISCO) (39152)
Project

Environmentally friendly fisheries (Skånfisk) (39161)
Project

Economically sustainable fishery for Nephrops in Skagerrak and Kattegat (ØBJ-FISK) (38865)
Project

Efficient and low impact gear in the Danish fishery for industrial species (GUDP Tobis) (38849)
Project

Collaboration between the scientific community and the fishing sector to minimize discards in Baltic cod fisheries (38918)
Project

Design optimization of SELTRA 180 (38908)
Project

Optimal sustainable exploitation of Nephrops norvegicus in Kattegat and Skagerrak (38909)
Project

Management of fisheries in harbour porpoise (Phocoena phocoena)marina protected areas
Project: PhD

Bycatch and discards: Management indicators, trends and location (BADMINTON) (38714)
Project

Development and test of a sorting grid for the fishery on Norway lobster (38742)
Project

Geographical distribution of fish resources and optimizing of fishery practice in the north-eastern North Sea (RESOURCE) (38878)
Selective trawls for the North Sea (38740)

Discard and identification of possible mitigation tools

Test and demonstration of a selective topless trawl (38699-1)

Development of fisheries with minimized emission of greenhouse gases (38686)

Scientific advice concerning the impact of the gears used to catch plaice and sole (GUPS) (38115)

Development of selective trawls for important Danish fisheries (4313)

Management plans and Danish fishery (2245)

Nephrops and cetacean species selection information and technology (NECESSITY) (38623)

Test and demonstration of a selective Nephrops trawl (4307)

Research on effective cod stock recovery measures (RECOVERY) (4304)

An assessment of mortality in fish escaping from trawl cod ends and its use in fisheries management (SURVIVAL) (4305)