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Research outputs:

Developing and testing a computer vision method to quantify 3D movements of bottom-set gillnets on the seabed
Research output: Research - peer-review › Journal article – Annual report year: 2018

FLEXSELECT: counter-herding device to reduce bycatch in crustacean trawl fisheries
Research output: Research - peer-review › Journal article – Annual report year: 2018

Investigating fish behavioural responses to LED lights in trawls and potential applications for bycatch reduction in the Nephrops-directed fishery
Research output: Research - peer-review › Journal article – Annual report year: 2018

LED lights to reduce bycatch in trawls: does phototaxis come into play?
Research output: Research › Conference abstract for conference – Annual report year: 2018

Size selection of Antarctic krill (Euphausia superba) in a commercial codend and trawl body
Research output: Research - peer-review › Journal article – Annual report year: 2018

Summer distribution and demography of Antarctic krill Euphausia superba Dana, 1852 (Euphausiacea) at the South Orkney Islands, 2011–2015
Research output: Research - peer-review › Journal article – Annual report year: 2018

The influence of mesh size and shape on the size selection of European hake (Merluccius merluccius) in demersal trawl codends: An investigation based on fish morphology and simulation of mesh geometry
Research output: Research - peer-review › Journal article – Annual report year: 2018

The luminous net VISIONET – a guiding swimway to the exit or a stressor?
Research output: Research › Conference abstract for conference – Annual report year: 2018

When is enough, enough? Quantifying trade-offs between information quality and sampling effort for fishing gear selectivity data
Research output: Research - peer-review › Journal article – Annual report year: 2018

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

Danish seine – Ecosystem effects of fishing
Research output: Research › Ph.D. thesis – Annual report year: 2017
Danish seine – Ecosystem effects of fishing
Research output: Research › Conference abstract for conference – Annual report year: 2017

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

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

FAST TRACK: Industry developed gear solutions under the landing obligation
Research output: Research › Poster – Annual report year: 2017

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

FLEXSELECT: a flexible counter-herding device to reduce bycatch in trawl fisheries
Research output: Research › Conference abstract for conference – Annual report year: 2018

Identifying candidate reflexes for lemon sole (Microstomus kitt)
Research output: Research › Conference abstract for conference – Annual report year: 2017

Improving escape panel selectivity in Nephrops directed fisheries by actively stimulating fish behaviour
Research output: Research › peer-review › Journal article – Annual report year: 2016

Industry-led fishing gear selectivity improvements: Ideas and lessons learned
Research output: Research › Conference abstract for conference – Annual report year: 2018

Selectivity in a divided codend used in the multispecies trawl fishery targeting crustaceans
Research output: Research › Conference abstract for conference – Annual report year: 2018

Skræmmeliner giver renere jomfruhummerfangst
Research output: Communication › Contribution to newspaper - Newspaper article – Annual report year: 2017

Utilizing differences in behaviour to improve catch efficiency in the Nephrops directed fisheries
Research output: Research › Conference abstract for conference – Annual report year: 2018

Antarctic krill and ecosystem monitoring survey at South Orkney Islands in 2016
Research output: Research › Report – Annual report year: 2016

Assessment of mortality of Antarctic krill (Euphausia superba) escaping from a trawl
Research output: Research › Conference abstract for conference – Annual report year: 2016

Can rectangular mesh codends improve size selectivity in Mediterranean multispecies trawl fisheries?
Research output: Research › Conference abstract for conference – Annual report year: 2016

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

Employing a trawl independent multi-compartment towing rig to study selectivity of crustaceans in trawls
Research output: Research › Conference abstract for conference – Annual report year: 2016
Escape panels in trawls – a consistent management tool?
Research output: Research - peer-review › Journal article – Annual report year: 2016

Industry-led fishing gear selectivity improvements. How can we increase flexibility and ownership over the gears used whole ensuring an effective introduction of the new EU Common Fisheries Policy?
Research output: Research › Conference abstract for conference – Annual report year: 2016

Influence of twin and multi-rig trawl systems on CPUE in the Danish Norway lobster (Nephrops norvegicus) fishery
Research output: Research - peer-review › Journal article – Annual report year: 2015

Optimizing data collection processes for industry collected gear selectivity data
Research output: Research › Conference abstract for conference – Annual report year: 2016

Paths to enhance the development and the uptake of industry-led technical solutions to improved selectivity
Research output: Research › Conference abstract for conference – Annual report year: 2016

Quantifying the escape mortality of trawl caught Antarctic krill (Euphausia superba)
Research output: Research › Journal article – Annual report year: 2016

Quantifying trawl caught escape mortality of Antarctic krill (Euphausia superba).
Research output: Research › Report – Annual report year: 2016

South Orkney Island 2016 Antarctic krill and ecosystem monitoring
Research output: Research › Report – Annual report year: 2016

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

Understanding and predicting size selection in diamond-mesh cod ends for danish seining: A study based on sea trials and computer simulations
Research output: Research - peer-review › Journal article – Annual report year: 2016

Understanding and predicting the size selectivity in Mediterranean trawl codends based on fish morphology
Research output: Research › Conference abstract for conference – Annual report year: 2016

Understanding the size selectivity of red mullet (Mullus barbatus) in Mediterranean trawl codends: A study based on fish morphology
Research output: Research - peer-review › Journal article – Annual report year: 2015

Using fish behaviour to separate fish from Nephrops in a horizontally divided codend in the mixed trawl fishery
Research output: Research › Conference abstract for conference – Annual report year: 2016

Antarctic krill and ecosystem monitoring survey at South Orkney Islands in 2015, and assessing escape mortality of krill in trawls
Research output: Research › Report – Annual report year: 2015

Antarctic krill; assessment of mesh size selectivity and escape mortality from trawls
Research output: Research › Working paper – Annual report year: 2015

A review of programs established to encourage industry-led approaches to selective gear development
Research output: Research › Conference abstract for conference – Annual report year: 2015
Assessment of mortality of Antarctic krill (Euphausia superba) escaping from a trawl
Research output: Research - peer-review › Journal article – Annual report year: 2015

Can the rectangular mesh codends solve multispecies fishery selectivity problems?
Research output: Research › Conference abstract for conference – Annual report year: 2015

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

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

Escape panels in trawls – a consistent management tool?
Research output: Research › Conference abstract for conference – Annual report year: 2015

Fishing for food: simple changes in codend design improves the quality of fish products
Research output: Research › Conference abstract for conference – Annual report year: 2015

From fishing to fish processing: Separation of fish from crustaceans in the Norway lobster-directed multispecies trawl fishery improves seafood quality
Research output: Research - peer-review › Journal article – Annual report year: 2015

Improving escape panel selectivity by active stimulation of fish behaviour
Research output: Research › Conference abstract for conference – Annual report year: 2015

Improving the performance of a grid used in Norway lobster fisheries
Research output: Research - peer-review › Journal article – Annual report year: 2015

Kan frit redskabsvalg hjælpe når discardforbudet kommer?
Research output: Research › Poster – Annual report year: 2015

Katalog over selektive redskaber afprøvet i dansk fiskeri: En guide til bedre at undgå uønsket fangst
Research output: Research › Report – Annual report year: 2015

MINIDISC - Minimering af discards i danske fiskerier
Research output: Research › Report – Annual report year: 2016

Size selection in codends made of thin-twined Dyneema netting compared to standard codends: A case study with cod, plaice and flounder
Research output: Research - peer-review › Journal article – Annual report year: 2015

Species selectivity in different sized topless trawl designs: Does size matter?
Research output: Research - peer-review › Journal article – Annual report year: 2015

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

Discards of Danish set nets fisheries in the Kattegat
Research output: Research › Poster – Annual report year: 2014
Distribution of Antarctic krill and apex predators at South Orkney Islands in 2014, and assessing escape mortality of krill in trawls
Research output: Research › Report – Annual report year: 2014

Fangstmetoden ved snurrevod skal udvikles
Research output: Communication › Contribution to newspaper - Newspaper article – Annual report year: 2014

Inferring fish escape behaviour in trawls based on catch comparison data: Model development and evaluation based on data from Skagerrak, Denmark
Research output: Research - peer-review › Journal article – Annual report year: 2014

Nyt trawldesign kan gøre jomfruhummer fiskeriet meget mere effektivt
Research output: Communication › Contribution to newspaper - Newspaper article – Annual report year: 2014

Size selection of Antarctic krill (Euphausia superba) in trawls
Research output: Research › Report – Annual report year: 2014

Using small meshed collecting bags on trawls to quantify trawls seabed disturbance of aquatic organisms
Research output: Research › Poster – Annual report year: 2014

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

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

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

Forbedring af selektiviteten i trawl med henblik på beskyttelse af bestandene af torsk bedst muligt: Slutrapport til Ministeriet for Fødevarer, Landbrug og Fiskeri
Research output: Commissioned › Report – Annual report year: 2013

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

Modelling towing and haul-back escape patterns during the fishing process: a case study for cod, plaice, and flounder in the demersal Baltic Sea cod fishery
Research output: Research - peer-review › Journal article – Annual report year: 2013

SELTRA selektionspaneler i Kattegat og Skagerrak
Research output: Research › Poster – Annual report year: 2013

Studies of Antarctic krill, krill predators and trawl gear at South Orkney Islands
Research output: Research › Report – Annual report year: 2013

Tejnefiskeri efter jomfruhummer. Et litteraturstudie
Research output: Research › Report – Annual report year: 2014

The influence of twine thickness, twine number and netting orientation on codend selectivity
Research output: Research - peer-review › Journal article – Annual report year: 2013
Understanding the size selectivity in diamond mesh codends based on flume tank experiments and fish morphology: effect of catch size and fish escape behaviour
Research output: Research › Conference abstract for conference – Annual report year: 2013

Comparing selectivity of a standard and turned mesh T90 codend during towing and haul-back
Research output: Research - peer-review › Journal article – Annual report year: 2012

Designoptimering af SELTRA 180 mm
Research output: Research › Report – Annual report year: 2012

Development and test of a remotely operated Minisampler for discrete trawl sampling
Research output: Research - peer-review › Journal article – Annual report year: 2011

Improving fishing gear selectivity of Atlantic cod (Gadus morhua)
Research output: Research - peer-review › Book chapter – Annual report year: 2012

Improving the effectiveness of escape windows in directed Norway lobster Nephrops norvegicus trawl fisheries
Research output: Research - peer-review › Journal article – Annual report year: 2012

Net escapement of Antarctic krill in trawls
Research output: Research › Working paper – Annual report year: 2012

Research output: Research › Conference abstract for conference – Annual report year: 2012

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

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

Report of the Study Group on Turned 90° Codend Selecttivity, focusing on Baltic Cod Selectivity (SGTCOD)
Research output: Research › Report – 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
Research output: Research - peer-review › Journal article – Annual report year: 2011

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

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

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

DTU Aqua tester flexibl e sorteringsriste
Research output: Communication › Contribution to newspaper - Newspaper article – Annual report year: 2010
Report of the Study Group on Turned 90° Codend Selectivity, focusing on Baltic Cod Selectivity (SGTCOD)
Research output: Research › Report – Annual report year: 2011

Selective haddock (Melanogrammus aeglefinus) trawling: Avoiding cod (Gadus morhua) bycatch
Research output: 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
Research output: Research › peer-review › Journal article – Annual report year: 2010

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

Test og demonstration af en selektiv topløs trawl
Research output: Research › Report – 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
Research output: Research › peer-review › Journal article – Annual report year: 2009

Bruger vi de mest optimale maskefaconer og størrelser i dansk fiskeri?
Research output: Research › Poster – Annual report year: 2009

Computersimulering - et værktøj for fiskeriforvaltningen?
Research output: Research › Poster – Annual report year: 2009

Improving the size- and species selectivity of cod (Gadus morhua) in demersal mixed-species trawl fisheries
Research output: Research › Ph.D. thesis – Annual report year: 2009

Kullertrawl fanger færre torsk
Research output: Communication › Contribution to newspaper - Newspaper article – Annual report year: 2009

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

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

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

Comparison of selective properties for nettings when used in normal direction versus in 90 degrees turned direction
Research output: 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
Research output: Research › peer-review › Journal article – Annual report year: 2008
Selectivity in a trawl codend during haul-back operation: An overlooked phenomenon
Research output: Research › peer-review › Journal article – Annual report year: 2008

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

Trawl skal slippe torsk fri af hummerfiskeriet
Research output: Communication › Contribution to newspaper - Newspaper article – Annual report year: 2008

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

Undermålshummere sorteres fra
Research output: Communication › Contribution to newspaper - Newspaper article – Annual report year: 2008

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

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

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

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

Simulation-based study of the combined effect on cod-end size selection of turning meshes by 90 degrees and reducing the number of meshes in the circumference for round fish
Research output: Research › peer-review › Journal article – Annual report year: 2007

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

Demonstration af selektive jomfruhummertrawl
Research output: Research › Report – Annual report year: 2006

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

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

Theoretical study of the effect of round straps on the selectivity in a diamond mesh cod-end
Research output: Research › peer-review › Journal article – Annual report year: 2006

Forsøg med selektive jomfruhummertrawl
Research output: Research › Journal article – Annual report year: 2005

Forsøg med selektive jomfruhummertrawl
Research output: Research › Report – Annual report year: 2004
Density estimation of marine species: comparison between trawl and acoustic surveys
Research output: Research › Poster – Annual report year: 1998

Density estimation of marine species: comparison between trawl and acoustic surveys
Research output: Research › Conference article – Annual report year: 1998

Projects:

Seal-safe fishing (39421)
Project: Research

Stock assessment and management of sole fishery (39383)
Project: Research

From science to innovation in the Nephrops fishery to comply with the Common Fisheries Policy: development of an optimal and flexible selection system for trawl by use of new technology and underutilized fish behaviour (39375)
Project: Research

Development of an energy saving trawl (39029)
Project: Research

Net escapement of Antarctic krill in trawls (NEAT) (38919)
Project: Research

Environmentally friendly fisheries (Skånfisk) (39161)
Project: Research

Understanding and predicting size selectivity and escape mortality in commercial zooplankton fisheries: Case study on Antarctic krill (SILF) (39245)
Project: Research

Optimizing the value of fish caught in the Danish mixed fishery – Improved quality and selectivity as a consequence of gear development (FishValue) (39033)
Project: Research

Sustainable, cost effective and responsive gear solutions under the landing obligation (FAST-TRACK) (39323)
Project: Research

Identifying simple and cost effective gear solutions which can lead to an effective implementation of the new EU common Fisheries Policy (CFP)
Project: PhD

Industry lead gear selectivity improvements, its strenghts and weakness in the new CFP
Project: PhD

Danish seine - Ecosystem effects of fishing
Project: PhD

Using commercial gears to sample ecosystem effects
Project: PhD
Minimising discards in Danish fisheries (MINIDISC) (39020)
Project: Research

Development of a by-catch excluder for the Danish and European trawl fisheries (39265)
Project: Research

Benthic ecosystem fisheries impact study (BENTHIS) (39021)
Project: Research

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

Management plans and Danish fishery (2245)
Project: Research

Development of fisheries with minimized emission of greenhouse gases (38686)
Project: Research

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

Improving the selectivity for cod in Danish trawl fisheries (38887)
Project: Research

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

Test and demonstration of a selective topless trawl in the North Sea (38699-2)
Project: Research

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

Test and demonstration of a selective Nephrops trawl (4307)
Project: Research

Documentation of the selective effect of SELTRA 180 in Kattegat (38917)
Project: Research

Design optimization of SELTRA 180 (38908)
Project: Research

Activities:

ICES - Working Group on Fishing Technology and Fish - WGFTFB (External organisation)
Activity: Membership › Membership of committees, commissions, boards, councils, associations, organisations, or similar