Clara Ulrich - DTU Orbit (10/02/2018)

Ulrich, Clara

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National Institute of Aquatic Resources - Professor

Section for Ecosystem based Marine Management

Publications:

Identifying choke species challenges for an individual demersal trawler in the North Sea, lessons from conversations and data analysis

Integrated ecological-economic fisheries models - evaluation, review and challenges for implementation

Testing spatial heterogeneity with stock assessment models

Achieving maximum sustainable yield in mixed fisheries: a management approach for the North Sea demersal fisheries

Effectiveness of fully documented fisheries to estimate discards in a participatory research scheme

FAST TRACK: Industry developed gear solutions under the landing obligation

Food for thought: pretty good multispecies yield

Improving fisheries science with high resolution commercial fishery data

Reducing discards without reducing profit: Free gear choice in a Danish result-based management trial
Remote electronic monitoring and the landing obligation – some insights into fishers’ and fishery inspectors’ opinions

A comparative review of fisheries management experiences in the European Union and in other countries worldwide: Iceland, Australia, and New Zealand

Are FMSY ranges a promising or a dangerous option?
Ulrich, C. & Rindorf, A. 2016

Does one glove fit all? A review of Remote Electronic Monitoring as a documentation tool

Industry-led fishing gear selectivity improvements. How can we increase flexibility and ownership over the gears used while ensuring an effective introduction of the new EU Common Fisheries Policy?

MINIDISC-projektet fik afprøvet det frie redskabsvalg

Paths to enhance the development and the uptake of industry-led technical solutions to improved selectivity

The discard ban and its impact on the MSY objective on fisheries-the North Sea
Ulrich, C. 2016 Research for PECH Commitee - the discard ban and its impact on the maximum sustainable yield objective on fisheries. European Union, p. 9-81

The MSY concept in a multi-objective fisheries environment – lessons learned from the North Sea

Variability and connectivity of plaice populations from the Eastern North Sea to the Baltic Sea, part II. Biological evidence of population mixing
Ulrich, C., Hansen, J. H., Boje, J., Christensen, A., Hüsey, K., Sun, H. & Worsøe Clausen, L. 2016 In : Journal of Sea Research. 120, p. 13-23

Accounting for socio-economic constraints to define the path to sustainability: European examples
Achieving Mixed-fisheries and multispecies MSY in the North Sea demersal fisheries
Publication: Research › Conference abstract for conference – Annual report year: 2015

Allerede mange gode ideer i projekt MINIDISC
Publication: Communication › Newspaper article – Annual report year: 2015

A review of programs established to encourage industry-led approaches to selective gear development
Publication: Research › Conference abstract for conference – Annual report year: 2015

Discarding of cod in the Danish Fully Documented Fisheries trials
Publication: Research - peer-review › Journal article – Annual report year: 2015

Empowering fishermen towards the landing obligations, with their own technical solutions
Publication: Research › Conference abstract for conference – Annual report year: 2015

Evaluation of integrated ecological-economic models – Review and challenges for implementation
Publication: Research › Conference abstract for conference – Annual report year: 2015

Experiences of how fishers grab opportunities in (more) free regulation of gear
Qvist Eliasen, S., Mortensen, L. O. & Ulrich, C. 2015
Publication: Research › Conference abstract for conference – Annual report year: 2015

Fisheries Management: Is Europe turning the corner?
Publication: Research - peer-review › Conference abstract in proceedings – Annual report year: 2015

Fully documented fisheries - is remote electronic monitoring the future tool in fisheries control?
Publication: Research › Poster – Annual report year: 2015

Ulrich, C. 2015
Publication: Research › Poster – Annual report year: 2015

Kan frit redskabsvalg hjælpe når discardforbudet kommer?
Publication: Research › Poster – Annual report year: 2015
MINIDISC - Minimering af discards i danske fiskerier
Publication: Research › Report – Annual report year: 2016

MSC certification of plaice fisheries in area IIIa: Basic investigations and development of a management plan
Publication: Research › Report – Annual report year: 2015

Optimal bæredygtig udnyttelse af tilgængelige torskebestande for dansk fiskeri
Publication: Research › Report – Annual report year: 2015

Relaxing technical regulations under the Landings Obligation – effects on the discard ratio
Publication: Research › Conference abstract for conference – Annual report year: 2015

Science-industry partnerships: The value of cooperative research in fisheries and marine management
Publication: Research › Paper – Annual report year: 2015

The MSY concept in a multi-objective fisheries environment – lessons learned from the North Sea
Publication: Research › Conference abstract for conference – Annual report year: 2015

Achieving MSY and minimising conflicts in mixed-fisheries management
Publication: Research › Conference abstract for conference – Annual report year: 2015

DTU Aqua søger fiskere til discardprojekt
Ulrich, C., Olesen, H. J. & Dalskov, J. 2014 21, 14, Fiskeritidende
Publication: Communication › Newspaper article – Annual report year: 2014

DTU og fiskere samarbejder om optimering af fangstmuligheder
Ulrich, C., Olesen, H. J. & Dalskov, J. 2014 21, 21, Fiskeritidende
Publication: Communication › Newspaper article – Annual report year: 2014

Evaluation of integrated ecological-economic models - What are they used for?
Publication: Research › Conference abstract for conference – Annual report year: 2014

Incentivising selective fishing under catch quotas: using an FCube modelling approach to evaluate management options for North Sea mixed fisheries
Condie, H. M., Dolder, P. J., Catchpole, T. L., Ulrich, C. & Grant, A. 2014
Publication: Research › Paper – Annual report year: 2014

Landings obligation as a pathway towards the integration of CFP and MSFD – lessons learned and forward look after 2015
Catchpole, T., Ulrich, C. & Rochet, M-J. 2014
Publication: Research › Paper – Annual report year: 2014
Minimising conflicts in mixed-fisheries management using flexible Harvest Control Rules
Publication: Research › Conference abstract for conference – Annual report year: 2014

Projektet MINIDISC sættes i gang
Ulrich, C., Olesen, H. J. & Fischer, K. S. 2014 21, 37, Fiskeritidende
Publication: Communication › Newspaper article – Annual report year: 2014

Behind the shine: An appraisal of five years of Danish CCTV trials
Publication: Research › Paper – Annual report year: 2014

Critical report of current fisheries management measures implemented for the North Sea mixed demersal fisheries
Publication: Research › Report – Annual report year: 2013

Evaluating the effect of fishery closures: lessons learnt from the Plaice Box
Publication: Research - peer-review › Journal article – Annual report year: 2014

Lessons for fisheries management from the EU cod recovery plan
Publication: Research - peer-review › Journal article – Annual report year: 2012

Variability and connectivity of plaice populations from the Eastern North Sea to the Western Baltic Sea, and implications for assessment and management
Publication: Research - peer-review › Journal article – Annual report year: 2013

A wasted resource: cod discards in the North Sea
Publication: Research › Conference abstract for conference – Annual report year: 2012

Challenges and opportunities for fleet- and métier-based approaches for fisheries management under the European Common Fishery Policy
Publication: Research - peer-review › Journal article – Annual report year: 2012

Improving the assessment and management of the plaice stock complex between the North Sea and the Baltic Sea
Publication: Research › Paper – Annual report year: 2012

JAKFISH Policy Brief: coping with uncertainty, complexity and ambiguity in fisheries management through participatory knowledge development
Managing mixed fisheries in the European western waters: application of Fcube methodology
Publication: Research - peer-review › Journal article – Annual report year: 2012

Mixed fisheries forecasts – lessons learned from their initial application to North Sea fisheries
Holmes, S. J., Ulrich, C. & Reeves, S. A. 2012
Publication: Research › Paper – Annual report year: 2012

Mixed fisheries forecasts—lessons learned from their initial application to North Sea fisheries
Holmes, S. J., Ulrich, C. & Reeves, S. A. 2012
Publication: Research › Conference abstract for conference – Annual report year: 2012

Modelling the mixing of herring stocks between the Baltic and the North Sea from otolith data
Ulrich, C., Post, S. L., Worsøe Clausen, L., Berg, C. W., Deurs, M. V., Mosegaard, H. & Payne, M. 2012
Publication: Research › Paper – Annual report year: 2012

Multispecies fisheries management in the Mediterranean Sea: application of the Fcube methodology
Publication: Research - peer-review › Journal article – Annual report year: 2011

Regional métier definition: A comparative investigation of statistical methods using a workflow applied to the international otter trawl fisheries in the North Sea
Publication: Research - peer-review › Journal article – Annual report year: 2011

Short-term choice behaviour in a mixed fishery: investigating métier selection in the Danish gillnet fishery
Publication: Research - peer-review › Journal article – Annual report year: 2011

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

The added value of participatory modelling in fisheries management – what has been learnt?
Publication: Research - peer-review › Journal article – Annual report year: 2012

The Gordian knot: managing herring (Clupea harengus) bridging across populations, fishery units, management areas, and politics
Worsøe Clausen, L., Mosegaard, H., Berg, C. W. & Ulrich, C. 2012
Publication: Research › Conference abstract for conference – Annual report year: 2012

VMStools: Open-source software for the processing, analysis and visualization of fisheries logbook and VMS data
Publication: Research - peer-review › Journal article – Annual report year: 2011
Addressing uncertainty in fisheries management through participatory modelling
Publication: Research › Paper – Annual report year: 2012

JAKFISH Deliverable 3.1 A report on benefits and drawbacks of each tool for evaluating and communicating the uncertainty. This will be seen in relation to each of the case studies and will be input to WP4
Publication: Research › Report – Annual report year: 2011

JAKFISH Deliverable 3.2 Assessment of handling of uncertainty from a quantitative and qualitative perspective
Publication: Research › Report – Annual report year: 2011

JAKFISH Deliverable 4.2 Workshop reports and evaluation of case studies management strategy evaluation
Publication: Research › Report – Annual report year: 2011

Reconciling single-species TACs in the North Sea demersal fisheries using the Fcube mixed-fisheries advice framework
Publication: Research - peer-review › Journal article – Annual report year: 2011

The added value of participatory modelling in fisheries management. What have we learned?
Publication: Research › Conference abstract for conference – Annual report year: 2011

Challenges in integrating short-term behaviour in a mixed-fishery Management Strategies Evaluation frame: a case study of the North Sea flatfish fishery
Publication: Research - peer-review › Journal article – Annual report year: 2010

Comparative evaluation of a mixed-fisheries effort-management system based on the Faroe Islands example
Publication: Research - peer-review › Journal article – Annual report year: 2010

Detailed mapping of fishing effort and landings by coupling fishing logbooks with satellite-recorded vessel geo-localisation
Bastardie, F., Nielsen, J. R., Ulrich, C., Egekvist, J. & Degel, H. 2010
Publication: Research › Poster – Annual report year: 2010

Detailed mapping of fishing effort and landings by coupling fishing logbooks with satellite-recorded vessel geo-location
Publication: Research - peer-review › Journal article – Annual report year: 2010

Economic effort management in multispecies fisheries: the FcubEcon model
Publication: Research - peer-review › Journal article – Annual report year: 2010

Improving complex governance schemes around western Baltic herring through the development of a long-term management plan in an iterative process between stakeholders and scientists
Publication: Research › Conference abstract in proceedings – Annual report year: 2010

Improving complex governance schemes around Western Baltic Herring, through the development of a Long-Term Management Plan in an iterative process between stakeholders and scientists

Stock-based vs. fleet-based evaluation of the multi-annual management plan for the cod stocks in the Baltic Sea

An economic approach to overcoming over-quota catches in multi-species fisheries: The FcubEcon model

Evaluating biological robustness of innovative management alternatives

Evaluation of the multiannual plan for the cod stocks in the Baltic Sea

Potentials and challenges in fleet- and métierbased approaches for fisheries management in the CFP

Reconciling single-species management objectives in an integrated mixed-fisheries framework for avoiding overquota catches. Main outcomes of the FP6 AFRAME project

Rights-based management and participatory governance in Southwest Nova Scotia

Mixed fisheries and the ecosystem approach
Ulrich, C., Reeves, S. A. & Kraak, S. B. M. 2008 In : ICES Insight. 45, p. 36-39

The South West Nova Scotia case: From: Evaluation of innovative approaches to fisheries management outside the European Union: The cases of Alaska (USA), Canada, Iceland and New Zealand

Bridging the gap: fleets, fisheries and the ecosystem approach
A comparison of three indices of fishing power on some demersal fisheries of the North Sea

A multi-species multi-fleet bioeconomic simulation model for the English Channel artisanal fisheries

Area-based management and fishing efficiency
Marchal, P., Ulrich, C. & Pastoors, M. 2002 In : Aquatic Living Resources. 15, 2, p. 73-85

Influence of trends in fishing power on bioeconomics in the North Sea flatfish fishery regulated by catches or by effort quotas
Ulrich, C., Pascoe, S., Sparre, P. J., de Wilde, J-W. & Marchal, P. 2002 In : Canadian Journal of Fisheries and Aquatic Sciences. 59, 5, p. 829-843

Sensitivity of some biological reference points to shifts in exploitation patterns and inputs uncertainty for three North Sea demersal stocks

Estimation of technical interactions due to the competition for resource in a mixed-species fishery, and the typology of fleets and metiers in the English Channel

On the applicability of biological and economic indicators to improve the understanding of the relationship between effort and mortality : Examples from the flat- and roundfish fisheries of the North Sea. Final Report.

VPABase : A prototype of database for storage and processing of vpa-input data

Modélisation multi-flottilles et multimétiers des pêcheries artisanales de la Manche. Evaluation plurispécifique des stocks, étude des interactions techniques et intégration dans la modélisation bioéconomique
Ulrich, C. 2000 Rennes: ENSAR.

Quantification de l’importance des stocks locaux dans la Manche : Application du modèle In/Out à 7 stocks

Analysis of the impact of fishing activities on exploited marine resources at the ecosystem scale: the case of English Channel fisheries
Ulrich, C., Gascuel, D. & Dunn, M. 1999 In : ICES C.M.. Z:05
Bioeconomic modelling of English Channel fisheries and their technical interactions: presentation of the simulation model BECHAMEL (BioEconomic CHAnnel ModEL)
Publication: Research › Conference article – Annual report year: 1999

Biological and bioeconomic modelling in fisheries: A review
Publication: Research › Report – Annual report year: 1998

Foraging success of juvenile pike Esox lucius depends on visual conditions and prey pigmentation
Publication: Research › Conference article – Annual report year: 1998

Projects:

Integration of bycatch in mixed-fisheries management
Schreiber Plet-Hansen, K., Ulrich, C., Mortensen, L. O. & Nielsen, J. R.
01/08/2016 → 16/10/2019
Project: PhD

Study on approaches to management for data-poor stocks in mixed fisheries (MIXDLS) (39342)
Ulrich, C., Nielsen, J. R. & Worsøe Clausen, L.
01/01/2016 → 31/12/2017
Project

Sustainable, cost effective and responsive gear solutions under the landing obligation (FAST-TRACK) (39323)
15/12/2015 → 15/12/2018
Project

Strategies for the gradual elimination of discards in European fisheries (DiscardLess) (39238)
Ulrich, C., Rindorf, A., Larsen, E., Feekings, J. P., Eg Nielsen, E., Mortensen, L. O. & Bekkevold, D.
01/03/2015 → 28/02/2019
Project

Minimising discards in Danish fisheries (MINIDISC) (39020)
01/01/2014 → 15/07/2015
Project

MSC certification of the plaice fishery in area IIIa – basic investigations and development of a management model (39025)
Hansen, J. H., Christensen, A., Ulrich, C., Boje, J., Hüsey, K., Geitner, K., Worsøe Clausen, L., Meldrup, D. & Hansen, F. I.
01/07/2012 → 31/12/2014
Project

Maximizing yield of fisheries while balancing ecosystem, economic and social concerns (MYFISH) (38850)
01/01/2012 → 29/02/2016
Project

Socio economic effects of management measures of the future CFP (SOCIOEC) (38940)
Nielsen, J. R., Bastardie, F., Ulrich, C. & Eigaard, O. R.
01/01/2011 → 31/12/2014
Eco-certification of Danish fisheries (38885)
Ulrich, C. & Boje, J.
01/01/2010 → 01/02/2013

Development of a method for long term spatially resolved management of the herring fishery in the North Sea and IIIa taking the migration of the primary herring stocks, the fishery pattern and by-catch of mackerel into consideration (URSIN) (38731)
Worsøe Clausen, L., Ulrich, C., Payne, M., Mosegaard, H., Dijkman, T. J. & Nielsen, A.
01/01/2009 → 31/12/2011

Development of tools for logbook and VMS data analysis (38751)
Nielsen, J. R., Bastardie, F., Ulrich, C., Egekvist, J. & Degel, H.
01/01/2009 → 31/12/2012

Study for the revision of the plaice box (PBox) (38647)
Ulrich, C. & Blæsbjerg, M.
01/01/2009 → 31/12/2010

Bridging the gap between science, stakeholders and policy makers (GAP 1 & GAP 2) (38133 & 38860)
Worsøe Clausen, L., Mosegaard, H., Ulrich, C. & Berg, C. W.
01/01/2008 → 31/12/2015

Judgement and knowledge in fisheries involving stakeholders (JAKFISH) (38132)
Ulrich, C., Worsøe Clausen, L., Payne, M., Nielsen, A. & Mosegaard, H.
01/01/2008 → 31/12/2011

A framework for fleet and area based fisheries management (AFRAME) (38110)
Ulrich, C., Andersen, B. S., Nielsen, J. R., Eigaard, O. R. & Hamon, K.
01/01/2007 → 31/12/2009

Comparative evaluations of innovative solutions in European fisheries management (CEVIS) (38105)
Nielsen, J. R., Bastardie, F., Ulrich, C., Baodrun, A. & Sparre, P. J.
01/01/2005 → 31/12/2009

Improved advice for the mixed herring stocks in the Skagerrak and Kattegat (ICES area IIIa) (2011)
Worsøe Clausen, L., Ulrich, C., Mosegaard, H., Dalskov, J., Andersen, B. S. & Tarp, B. G.
01/01/2005 → 31/12/2007

Creation of multi-annual management plans for commitment (COMMIT) (2212)
Ulrich, C., Nielsen, J. R. & Sparre, P. J.
01/01/2004 → 31/12/2007

Operational evaluation tools for fisheries management options (EFIMAS) (38094)
Nielsen, J. R., Ulrich, C., Bastardie, F., Munch-Petersen, S., Eigaard, O. R., Andersen, B. S., Degnbol, P., Sparre, P. J., Nielsen, J., Blæsbjerg, M. & Vestergaard, O.
Activities:

ICES - Benchmark Workshop on Plaice - WKPLE (External organisation)
Ulrich, C. (Participant)
2015
Activity: Membership › Membership of committees, commissions, boards, councils, associations, organisations, or similar

ICES - Working Group on Mixed Fisheries Advice for the North Sea - WGMIXFISH (External organisation)
Ulrich, C. (Participant)
2015
Activity: Membership › Membership of committees, commissions, boards, councils, associations, organisations, or similar

ICES - Working Group on the Assessment of Demersal Stocks in the North Sea and Skagerrak - WGNSSK (External organisation)
Ulrich, C. (Participant)
2015
Activity: Membership › Membership of committees, commissions, boards, councils, associations, organisations, or similar

ICES - Working Group on the Assessment of Demersal Stocks in the North Sea and Skagerrak - WGNSSK (External organisation)
Ulrich, C. (Participant)
2014
Activity: Membership › Membership of committees, commissions, boards, councils, associations, organisations, or similar

ICES - Working Group on the Assessment of Demersal Stocks in the North Sea and Skagerrak - WGNSSK (External organisation)
Ulrich, C. (Chairman)
2013 → …
Activity: Membership › Membership of committees, commissions, boards, councils, associations, organisations, or similar

ICES - Working Group on the Assessment of Demersal Stocks in the North Sea and Skagerrak - WGNSSK (External organisation)
Ulrich, C. (Chairman)
2013 → …
Activity: Membership › Membership of committees, commissions, boards, councils, associations, organisations, or similar

ICES - Annual Meeting of Advisory Working Group Chairs - WGCHAIRS (External organisation)
Ulrich, C. (Participant)
2012 → …
Activity: Membership › Membership of committees, commissions, boards, councils, associations, organisations, or similar

ICES - Working Group on Maritime Systems - WGMARS (External organisation)
Ulrich, C. (Participant)
2012 → …
Activity: Membership › Membership of committees, commissions, boards, councils, associations, organisations, or similar

ICES - Working Group on Mixed Fisheries Advice for the North Sea - WGMIXFISH (External organisation)
Ulrich, C. (Participant)
2012 → …
Activity: Membership › Membership of committees, commissions, boards, councils, associations, organisations, or similar

ICES - Working Group on the Assessment of Demersal Stocks in the North Sea and Skagerrak - WGNSSK (External organisation)
Ulrich, C. (Participant)
2012 → …
Activity: Membership › Membership of committees, commissions, boards, councils, associations, organisations, or similar

ICES - Workshop on the Evaluation of Plaice Stocks - WKPESTO (External organisation)
Ulrich, C. (Participant)
2012 → …
Activity: Membership › Membership of committees, commissions, boards, councils, associations, organisations, or similar