Henrik Mosegaard - DTU Orbit (15/01/2018)

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Publications:

Do spatio-temporal spawning closures promote the recovery of cod in the Baltic Sea?
Eero, M., Hinrichsen, H. H., Huwer, B., Köster, F., Mosegaard, H. & Storr-Paulsen, M. 2017
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Dynamiske brugerstyrede havkort til værdiløft af dansk industrifiskeri (GUDP-VIND)
Mosegaard, H., Pedersen, E. M., Sparrevohn, C. R., Lund, H. S., Skov, O., Dueholm, M., She, J., Christensen, A., Stage, B., Worsøe Clausen, L., Deurs, M. V., Bekkevold, D. & Andersen, N. G. 2017
Publication: Research › Conference abstract for conference – Annual report year: 2017

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Hüssy, K., Radtke, K., Pilkshs, M., Oeberst, R., Baranova, T., Krumme, U., Sjöberg, R., Walther, Y. & Mosegaard, H. 2016
In : ICES Journal of Marine Science. 73, 9, p. 2138-2149
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Hüssy, K., Mosegaard, H., Albertsen, C. M., Eg Nielsen, E., Hansen, J. H. & Eero, M. 2016
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Spatio-temporal trends in stock mixing of eastern and western Baltic cod in the Arkona Basin and the implications for recruitment
In : ICES Journal of Marine Science. 73, 2, p. 293-303
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Publication: Research - peer-review › Journal article – Annual report year: 2015

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Hansen, J. H., Hüssy, K., Huwer, B., Mosegaard, H. & Eero, M. 2015
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Optimal bæredygtig udnyttelse af tilgængelige torskebestande for dansk fiskeri
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Hüssy, K., Mosegaard, H., Albertsen, C. M., Hansen, J. H. & Eero, M. 2015
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Udvikling af effektivt og skånsomt redskab til tobisfiskeri på Dogger Banke
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Worsøe Clausen, L., Mosegaard, H., Berg, C. W. & Ulrich, C. 2012
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Inferring the location and scale of mixing between habitat areas of lesser sandeel through information from the fishery

Shedding light on fish otolith biomineralization using a bioenergetic approach

Shedding light on fish otolith biomineralization using a bioenergetic approach

Modelling the spatio-temporal dynamics in growth and survival of larval cod and sandeel in the North Sea by using individual-based models integrated with spatially explicit three-dimensional hydrodynamic and biogeochemical models

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The effect of patchiness in prey on the growth of larval lesser sandeel in the North Sea: An examination using individual-based modelling

The life-cycle of sandeel - adaptations to a seasonal environment, from the perspective of a forage fish

Thermal niche of Atlantic cod Gadus morhua: limits, tolerance and optima

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Automated Fish Ageing (AFISA)
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Publication: Research › Report – Annual report year: 1983

Statistisk bilaga: Fra: Ett forsökr med "krokvana" hos öring
Publication: Research › Report – Annual report year: 1980

Projects:

Assessing cod growth and age by otolith microchemistry analysis
Nielsen, K. E., Hüssy, K. & Mosegaard, H.
01/10/2016 → 30/09/2019
Project: PhD

Ballast water - Tool for supporting the delimitation of a "same risk area" (39348)
Christensen, A., Hansen, F. T., Mosegaard, H., Pederssen, E. M., Stage, B., Eg Nielsen, E., Worsøe Clausen, L., van Deurs, M. & Andersen, N. G.
01/03/2016 → 01/12/2016
Project

Sound herding system for sustainable fisheries (GUDP-SHS) (39365)
Stage, B., Mosegaard, H. & Pedersen, E. M.
01/01/2016 → 31/12/2018
Project

Forward management of sandeel in the North Sea (39316)
Worsøe Clausen, L., Rindorf, A., van Deurs, M., Berg, C. W., Mosegaard, H., Bekkevold, D., Mortensen, L. O. & Christensen, A.
11/11/2015 → 16/11/2017
Danish Fisher-Researcher Network (39315)
Mosegaard, H. & Pedersen, E. M.
06/11/2015 → 06/11/2017

Implementing robot and drone technology in fisheries (39303)
Stage, B. & Mosegaard, H.
01/07/2015 → 01/12/2016

Dynamic user-driven marine e-maps for the advancement of Danish industrial fisheries (GUPD-VIND) (39246)
Mosegaard, H., Pedersen, E. M., Christensen, A., Stage, B., Eg Nielsen, E., Worsøe Clausen, L., van Deurs, M. & Andersen, N. G.
01/01/2015 → 30/06/2018

Tracing the dynamics of mixed stocks in a transition area: Herring in Skagerrak-Kattegat and Western Baltic
Worsøe Clausen, L., Mosegaard, H., Bekkevold, D., Hansen, J. H., Grønkjær, P. & Hammer, C.
01/12/2013 → 04/06/2014

Ecosystem based method for impact assessment (39142)
Stage, B., Pedersen, E. M., Mosegaard, H. & Dinesen, G. E.
23/07/2013 → 01/05/2015

Short-term projections for short-lived species managed under MSY: Management of the sandeel stock in the North Sea (39148)
van Deurs, M., Worsøe Clausen, L., Mosegaard, H., Azour, F., Christensen, A. & Bekkevold, D.
22/07/2013 → 01/05/2015

Benthic ecosystem fisheries impact study (BENTHIS) (39021)
Eigaard, O. R., Nielsen, J. R., Bastardie, F., Dinesen, G. E., Sørensen, T. K., Frandsen, R., Krag, L. A. & Mosegaard, H.
01/10/2012 → 30/09/2017

Analysis of measures for increased stability in the industrial fisheries (39027)
Mosegaard, H., Pedersen, E. M., van Deurs, M., Worsøe Clausen, L., Rindorf, A. & Christensen, A.
10/07/2012 → 22/05/2014

Towards Sustainable Management of Marine Benthic Ecosystems in Greenland - in relation to national and international standards
Jørgensbye, H., Stage, B., Mosegaard, H., Nielsen, T. G., Grehan, A. J. & Møller, P. R.
01/04/2012 → 12/10/2017

Grey-box methods for size-based estimation of fish stocks
Kokkalis, A., Andersen, K. H., Nielsen, A., Thygesen, U. H., Mosegaard, H., Fernández, C. & O’Brien, C. M.
01/03/2012 → 02/06/2016
Efficient and low impact gear in the Danish fishery for industrial species (GUDP Tobis) (38849)
Mosegaard, H., Pedersen, E. M., Eigaard, O. R., Dinesen, G. E., Stage, B. & Madsen, N.
01/01/2012 → 05/01/2015
Project

Eastern-western Baltic cod: Improved management based on stock discrimination of eastern and western Baltic cod (Øst-Vesttorsk) (38869)
Hüssy, K., Hansen, J. H., Huwer, B., Bastardie, F., Eero, M., Nielsen, J. R., Worsøe Clausen, L., Mosegaard, H., Storr-Paulsen, M., Olesen, H. J., Kirkegaard, E., Larsen, P. V., Hansen, F. L., Lundgaard, L. S., Willandsen, M., de Jong, N., Mensberg, K. D. & Meldrup, D.
27/06/2011 → 29/03/2013
Project

Geographical distribution of fish resources and optimizing of fishery practice in the north-eastern North Sea (RESOURCE) (38878)
Beyer, J., Wieland, K., Andersen, N. G., Pedersen, E. M., Andersen, B. S., Hüssy, K., Kristensen, K., Nielsen, A., Stage, B., Mosegaard, H., Christensen, A., Mariani, P. & Madsen, N.
01/01/2010 → 30/09/2012
Project

Cardio-respiratory adaptations in cod feeding under hypoxic conditions (CarlsbergTorsk) (38851)
Behrens, J., Neuenfeldt, S., Thygesen, U. H. & Mosegaard, H.
01/01/2009 → 30/09/2012
Project

Developing fisheries management indicators and targets (DEFINEIT) (38763)
Rindorf, A., Gislason, H., Payne, M., Worsøe Clausen, L., Mosegaard, H., Bekkevold, D., Eg Nielsen, E., Vinther, M. & Lewy, P.
01/01/2009 → 30/06/2012
Project

Development of a method for long term spatially resolved management of the herring fishery in the North Sea and Illa 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
Project

Effect of the Horns Rev 1 offshore wind farm on fish communities (38734 and 38735)
Stenberg, C., Mosegaard, H., Støttrup, J. G., van Deurs, M. & Dinesen, G. E.
01/01/2009 → 31/12/2011
Project

Individual based modelling of growth and survival of cod and sandeel larvae
Gürkan, Z., Mosegaard, H., Hüssy, K., Gaard, E. & Skogen, M. D.
15/12/2008 → 22/04/2013
Project: PhD

Local adaption in Baltic Sea small pelagic fishes
Limborg, M., Bekkevold, D., Hansen, M. M., MacKenzie, B., Eg Nielsen, E., Mosegaard, H., Hauser, L. & Vasemägi, A.
01/09/2008 → 28/03/2012
Project: PhD

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
Project
Establishment and testing of area-based management models for North Sea sandeel fisheries (ETOMTOBIS) (38588)
Mosegaard, H., Vinther, M., Rindorf, A., Christensen, A. & Jensen, H.
01/01/2008 → 31/12/2010
Project

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
Project

Sustainable fisheries, climate change and the North Sea ecosystem (SUNFISH) (38135)
Rindorf, A., Gislason, H., Munk, P., Lewy, P., Christensen, A. & Mosegaard, H.
01/01/2008 → 01/09/2012
Project

Automated fish ageing (AFISA) (38111)
Mosegaard, H., Hüssy, K., Christensen, A., Lewy, P. & Worsøe Clausen, L.
01/01/2007 → 31/12/2009
Project

Development and performance test of method for establishing an area based recruitment index for North Sea sandeels (TORTN) (38128)
Mosegaard, H., Christensen, A., Rindorf, A. & Jensen, H.
01/01/2007 → 31/12/2008
Project

Improved methodology for cod age estimation (DECODE) (38120)
Hüssy, K., Lewy, P., Mosegaard, H., Heilmann, J. & Worsøe Clausen, L.
01/01/2007 → 31/12/2009
Project

Resolving climatic impacts on fish stocks (RECLAIM) (38109)
Köster, F., Christensen, A., Neuenfeldt, S., MacKenzie, B., Andersen, K. H., Huwer, B., Payne, M., Brander, K., Gürkan, Z., Mosegaard, H., Geitner, K. & Jensen, H.
01/01/2007 → 31/12/2009
Project

Indicators for fisheries management in Europe (IMAGE) (38225)
Eero, M., Nielsen, J. R., Köster, F., Jarre, A., Bastardie, F., Andersen, K. H., Sørensen, T. K., Mosegaard, H., Thomsen, K., Tomczak, M. & Jacobsen, J. B.
01/01/2006 → 31/12/2009
Project

Bank resolved prognoses of sandeel fishing potential in the North Sea (38563)
Christensen, A., Mosegaard, H. & Jensen, H.
01/01/2005 → 31/12/2007
Project

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

Marine protected areas as a tool for ecosystem conservation and fisheries management (PROTECT) (38095)
Hoffmann, E., Nielsen, J. R., Mosegaard, H., Christensen, A., Sørensen, T. K., Vestergaard, O., Jensen, H., Kraus, G. & Mellmann, C.
Analysis of biological key parameters, population structure and population dynamics of the lesser sandeel (Ammodytes marinus) in the North Sea, based on detailed information about the sandeel fishery (AHA.DOT) (2167)
Mosegaard, H., Rindorf, A., Christensen, A. & Jensen, H.
01/01/2003 → 31/12/2007
Project

Conservation of diversity in an exploited species: Spatio-temporal variation in the genetics of herring (Clupea harengus) in the North Sea and adjacent areas (HERGEN) (5512)
Bekkevold, D., Mosegaard, H., Worsøe Clausen, L. & Ruzzante, D.
01/01/2002 → 31/12/2005
Project

Activities:

ICES - Benchmark Workshop on Baltic Cod Stocks - WKBALTCOD (External organisation)
Mosegaard, H. (Participant)
2015
Activity: Membership › Membership of committees, commissions, boards, councils, associations, organisations, or similar

ICES - Herring Assessment Working Group for the Area South of 62ºN - HAWG (External organisation)
Mosegaard, H. (Participant)
2015
Activity: Membership › Membership of committees, commissions, boards, councils, associations, organisations, or similar

ICES - Workshop to evaluate the TAC calculation for herring in IIIa and management plan for herring in the North Sea - WKHERTAC (External organisation)
Mosegaard, H. (Participant)
2015
Activity: Membership › Membership of committees, commissions, boards, councils, associations, organisations, or similar

ICES - Herring Assessment Working Group for the Area South of 62ºN - HAWG (External organisation)
Mosegaard, H. (Participant)
2014
Activity: Membership › Membership of committees, commissions, boards, councils, associations, organisations, or similar

ICES - Workshop on Statistical Analysis of Biological Calibration Studies - WKSABCAL (External organisation)
Mosegaard, H. (Participant)
2014
Activity: Membership › Membership of committees, commissions, boards, councils, associations, organisations, or similar

ICES - Workshop to consider reference points for all stocks - WKMSYREF (External organisation)
Mosegaard, H. (Participant)
2014
Activity: Membership › Membership of committees, commissions, boards, councils, associations, organisations, or similar

FVM - Fødevareministerens arbejdsgruppe om industrifiskeri (External organisation)
Mosegaard, H. (Participant)
2012
Activity: Membership › Membership of committees, commissions, boards, councils, associations, organisations, or similar

ICES - Benchmark Workshop on Pelagic Stocks - WKPELA (External organisation)
Mosegaard, H. (Participant)
2012 → …
Activity: Membership › Membership of committees, commissions, boards, councils, associations, organisations, or similar

ICES - Herring Assessment Working Group for the Area South of 62°N - HAWG (External organisation)
Mosegaard, H. (Participant)
2012 → …
Activity: Membership › Membership of committees, commissions, boards, councils, associations, organisations, or similar

ICES - Stock Identification Methods Working Group - SIMWG (External organisation)
Mosegaard, H. (Participant)
2012 → …
Activity: Membership › Membership of committees, commissions, boards, councils, associations, organisations, or similar

ICES - Symposium on "Forage fish interactions: Creating the tools for ecosystem based management of marine resources" (External organisation)
Mosegaard, H. (Participant)
2012 → …
Activity: Membership › Membership of committees, commissions, boards, councils, associations, organisations, or similar