Publications:

Earlier hatching and slower growth, a key to survival in the early life history of Norwegian spring spawning herring
Publication: Research - peer-review › Journal article – Annual report year: 2018

Flabellum alabastrum deep sea cup coral meadows from West Greenland: Density, catchability and habitat suitability modelling
Publication: Research - peer-review › Journal article – Annual report year: 2018

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
Publication: Research › Conference abstract for conference – Annual report year: 2017

Dynamiske brugerstyrede havkort til værdiløft af dansk industrifiskeri (GUDP-VIND)
Mosegaard, H., Pedersen, E. M., Sparrevoehn, 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

Challenging ICES age estimation protocols: lessons learned from the eastern Baltic cod stock
Hüssy, K., Radtke, K., Plikshs, 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
Publication: Research - peer-review › Journal article – Annual report year: 2016

Evaluation of otolith shape as a tool for stock discrimination in marine fishes using Baltic Sea cod as a case study
Hüssy, K., Mosegaard, H., Albertsen, C. M., Eg Nielsen, E., Hansen, J. H. & Eero, M. 2016 In : Fisheries Research. 174, p. 210-218
Publication: Research - peer-review › Journal article – Annual report year: 2015

Spatio-temporal trends in stock mixing of eastern and western Baltic cod in the Arkona Basin and the implications for recruitment
Publication: Research - peer-review › Journal article – Annual report year: 2015

Connectivity, growth and survival in a spatially structured fish population, which is currently managed as seven separate stock units
Nielsen, K. E., Azour, F., Bekkevold, D., Christensen, A., Hüssy, K., Lundgaard, L. S., Mosegaard, H., Møller, P. R. & Deurs, M. V. 2015
Publication: Research › Poster – Annual report year: 2015

Effect of spatial differences in growth on distribution of seasonally co-occurring herring Clupea harengus stocks
Worsøe Clausen, L., Stahr, K-J., Rindorf, A. & Mosgaard, H. 2015 In : Journal of Fish Biology. 86, 1, p. 228–247
Publication: Research - peer-review › Journal article – Annual report year: 2015
Korttidsprognoser for kortlivede industrifisk under MSY – forvaltning af tobis i Nordsøen
Deurs, M. V., Christensen, A., Bekkevold, D., Lynam, C., Nielsen, K. E., Azour, F., Lundgaard, L. S., Hüsey, K., Mosegaard, H. & Worsøe Clausen, L. 2015
Publication: Research › Report – Annual report year: 2015

Long-term effects of an offshore wind farm in the North Sea on fish communities
Stenberg, C., Strattrup, J., Deurs, M. V., Berg, C. W., Dinesen, G. E., Mosegaard, H., Grome, T. & Leonhard, S. B. 2015
In : Marine Ecology - Progress Series. 528, p. 257-265
Publication: Research - peer-review › Journal article – Annual report year: 2015

Managing population mixing; genetics supported stock splitting in Atlantic cod
Hansen, J. H., Hüsey, K., Huwer, B., Mosegaard, H. & Eero, M. 2015
Publication: Research › Conference abstract for conference – Annual report year: 2015

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

Stock mixing of eastern and western Baltic cod in SD 24
Hüsey, K., Mosegaard, H., Albertsen, C. M., Hansen, J. H. & Eero, M. 2015
Publication: Research › Conference abstract for conference – Annual report year: 2015

Exploring the multidimensional nature of stock structure: a case study on herring dynamics in a transition area
Worsøe Clausen, L., Mosegaard, H. & Bekkevold, D. 2014 Charlottenlund: National Institute of Aquatic Resources, Technical University of Denmark. 192 p.
Publication: Research › Ph.D. thesis – Annual report year: 2014

Prey or predator – expanding the food web role of sandeel (Ammodytes marinus)
Eigaard, O. R., Deurs, M. V., Behrens, J., Bekkevold, D., Brander, K., Plambech, M., Schreiber Plet-Hansen, K. & Mosegaard, H. 2014 In : Marine Ecology Progress Series. 516, p. 267-273
Publication: Research - peer-review › Journal article – Annual report year: 2014

Statistical analysis of population assignment for fisheries management employing otolith characteristics
Mosegaard, H. 2014
Publication: Research › Conference abstract for conference – Annual report year: 2014

The Baltic cod: A case study for testing stock discrimination based on otolith shape analysis in a mixed stock fishery
Hüsey, K., Mosegaard, H., Hansen, J. H. & Eero, M. 2014
Publication: Research › Conference abstract for conference – Annual report year: 2014

Trading yield against precautionarity and the need for stability in the fishing sector
Deurs, M. V., Rindorf, A., Vinther, M., Mosegaard, H. & Worsøe Clausen, L. 2014
Publication: Research › Conference abstract for conference – Annual report year: 2014

Cod recovery as a new challenge for fisheries management: experience from the Baltic Sea
Eero, M., Hüsey, K., Mosegaard, H., Hansen, J. H., Bastardie, F. & Köster, F. 2013
Publication: Research › Conference abstract for conference – Annual report year: 2013

Havvindmølleparker og deres indflydelse på fisk – et casestudy fra Horns Rev havvindmøllepark
Publication: Research › Conference abstract for conference – Annual report year: 2013
Improved management based on stock identification of eastern and western Baltic cod
Publication: Research › Report – Annual report year: 2013

Modelling the economic consequences of Marine Protected Areas using the BEMCOM model
Hoff, A., Andersen, J. L., Christensen, A. & Mosegaard, H. 2013 In : Journal of Bioeconomics. 15, 3, p. 305-323
Publication: Research - peer-review › Journal article – Annual report year: 2012

Recruitment decline in North Sea herring is accompanied by reduced larval growth rates
Payne, M., Ross, S. D., Worsøe Clausen, L., Munk, P., Mosegaard, H. & Nash, R. D. M. 2013 In : Marine Ecology - Progress Series. 489, p. 197-211
Publication: Research - peer-review › Journal article – Annual report year: 2013

Spatio-temporal dynamics of growth and survival of Lesser Sandeel early life-stages in the North Sea: Predictions from a coupled individual-based and hydrodynamic-biogeochemical model
Gurkan, Z., Christensen, A., Maar, M., Møller, E. F., Madsen, K. S., Munk, P. & Mosegaard, H. 2013 In : Ecological Modelling. 250, p. 294-306
Publication: Research - peer-review › Journal article – Annual report year: 2012

Udvikling af effektivt og skånsomt redskab til tobisfiskeri på Dogger Banke
Publication: Research › Conference abstract for conference – Annual report year: 2013

A bioenergetic approach to model and reconstruct individual life traits from fish otoliths
Publication: Research › Conference abstract for conference – Annual report year: 2012

Growth and survival of larval and early juvenile lesser sandeel in patchy prey field in the North Sea: An examination using individual-based modelling
Gürkan, Z., Christensen, A., Deurs, M. V. & Mosegaard, H. 2012 In : Ecological Modelling. 232, p. 78-90
Publication: Research - peer-review › Journal article – Annual report year: 2012

High-resolution stock discrimination of Atlantic herring (Clupea harengus) based on otolith shape, microstructure, and genetic markers
Mosegaard, H., Worsøe Clausen, L. & Bekkevold, D. 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

Offshore windfarms and their impact on fish abundance and community structure
Stenberg, C., Dinesen, G. E., Deurs, M. V., Berg, C. W., Mosegaard, H., Leonhard, S., Groome, T. & Støttrup, J. 2012
Publication: Research › Paper – Annual report year: 2012

Precautionary sandeel fishery in Natura 2000 areas on the Dogger Bank (North Sea): a way to comply with MSFD implementation?
Publication: Research › Paper – Annual report year: 2012
Adaptive foraging behaviour and the role of the overwintering strategy
Publication: Research › Article in proceedings – Annual report year: 2009

Automated Fish Ageing (AFISA)
Publication: Research › Report – Annual report year: 2009

Cod spatial dynamics and vertical movements in European waters and implications for fishery management (CODYSSEY)
Publication: Research › Report – Annual report year: 2009

Finding the signal in the noise: objective data-selection criteria improve the assessment of western Baltic spring-spawning herring
Payne, M., Worsøe Clausen, L. & Mosegaard, H. 2009 In : I C E S Journal of Marine Science. 66, 8, p. 1673-1680
Publication: Research - peer-review › Journal article – Annual report year: 2009

Impending collapse of bluefin tuna in the northeast Atlantic and Mediterranean
Publication: Research - peer-review › Journal article – Annual report year: 2009

Individual-based modeling of growth and survival of Atlantic cod and lesser sandeel larval and juvenile stages
Publication: Research › Conference abstract in proceedings – Annual report year: 2009

Individual based modeling of growth and survival of Atlantic cod (Gadus morhua) and lesser sandeel (Ammodytes marinus) larval stages
Gürkan, Z., Christensen, A. & Mosegaard, H. 2009
Publication: Research › Poster – Annual report year: 2009

Spatially resolved fish population analysis for designing MPAs: influence on inside and neighbouring habitats
Christensen, A., Mosegaard, H. & Jensen, H. 2009 In : ICES Journal of Marine Science. 66, 1, p. 56-63
Publication: Research - peer-review › Journal article – Annual report year: 2009

Using data storage tags to link otolith macrostructure in Baltic cod Gadus morhua with environmental conditions
Hüsey, K., Nielsen, B., Mosegaard, H. & Worsøe Clausen, L. 2009 In : Marine Ecology Progress Series. 378, p. 161-170
Publication: Research - peer-review › Journal article – Annual report year: 2009

Using otolith microstructure to infer age of adult Eastern Baltic cod (Gadus morhua L.)
Hüsey, K. & Mosegaard, H. 2009
Publication: Research › Conference abstract for conference – Annual report year: 2009

Estimating population age structure using otolith morphometrics: a test with known-age Atlantic cod (Gadus morhua) individuals
Doering-Arjes, P., Cardinale, M. & Mosegaard, H. 2008 In : Canadian Journal of Fisheries and Aquatic Sciences. 65, 11, p. 2342-2350
Publication: Research - peer-review › Journal article – Annual report year: 2008
Restricted fish feeding reduces cod otolith opacity
Høie, H., Folkvord, A., Mosegaard, H., Li, L., Worsøe Clausen, L., Norberg, B. & Geffen, A. J. 2008 In : Journal of Applied Ichthyology. 24, 2, p. 138-143
Publication: Research - peer-review › Journal article – Annual report year: 2008

Sandeel (Ammodytes marinus) larval transport patterns in the North Sea from an individual-based hydrodynamic egg and larval model
Christensen, A., Jensen, H., Mosegaard, H., St. John, M. & Schrum, C. 2008 In : Canadian Journal of Fisheries and Aquatic Sciences. 65, 7, p. 1498-1511
Publication: Research - peer-review › Journal article – Annual report year: 2008

Application and validation of otolith microstructure as a stock identification method in mixed Atlantic herring (Clupea harengus L) stocks in the North Sea and western Baltic
Worsøe Clausen, L., Bekkevold, D., Hatfield, E. M. C. & Mosegaard, H. 2007 In : ICES Journal of Marine Science. 64, 2, p. 377-385
Publication: Research - peer-review › Journal article – Annual report year: 2007

Date of otolith first increment formation in Baltic sprat (Sprattus sprattus) and its relation to onset of maturity
Reglero, P., Mosegaard, H. & Hinrichsen, H. H. 2007 In : Marine Ecology - Progress Series. 330, p. 223-233
Publication: Research - peer-review › Journal article – Annual report year: 2007

Divergent origins of sympatric herring population components determined using genetic mixture analysis
Bekkevold, D., Worsøe Clausen, L., Mariani, S., André, C., Christensen, T. B. & Mosegaard, H. 2007 In : Marine Ecology - Progress Series. 337, p. 187-196
Publication: Research - peer-review › Journal article – Annual report year: 2007

Using otolith and body shape analysis to distinguish herring stocks to the west of the British Isles
Publication: Research › Conference abstract in proceedings – Annual report year: 2007

Biocomplexity in a highly migratory pelagic marine fish, Atlantic herring
Ruzzante, D. E., Mariani, S., Bekkevold, D., André, C., Mosøgaard, H., Worsøe Clausen, L., Dahlgren, T. G., Hutchinson, W. F., Hatfield, E. M. C., Torstensen, E., Brigham, J., Simmonds, E. J., Laikre, L., Larsson, L. C., Stet, R. J. M., Ryman, N. & Carvalho, G. R. 2006 In : Proceedings of the Royal Society B: Biological Sciences. 273, 1593, p. 1459-1464
Publication: Research - peer-review › Journal article – Annual report year: 2006

Considerations of population structuring in Atlantic herring, Clupea harengus L. assessment and management in the North Sea, Skagerrak, Kattegat and western Baltic
Hatfield, E. M. C., Worsøe Clausen, L., Mosøgaard, H., Bekkevold, D., Mariani, S., Hutchinson, W. F., Carvalho, G. R., Ruzzante, D. E., Ryman, N., André, C., Dahlgren, T. G., Torstensen, E. & Simmonds, E. J. 2006 In : Journal of Fish Biology. 69, Suppl. C, p. 245
Publication: Research - peer-review › Journal article – Annual report year: 2006
Onset of maturity and cohort composition at spawning of Baltic sprat Sprattus sprattus on the basis of otolith macrostructure analysis
Reglero, P. & Mosegaard, H. 2006 In : Journal of Fish Biology. 68, 4, p. 1091-1106
Publication: Research - peer-review › Journal article – Annual report year: 2006

The impact of temperature change on fisheries production
Publication: Research - peer-review › Conference abstract in proceedings – Annual report year: 2006

Variation in the abundance of sandeels Ammodytes marinus off the southeast Scotland: an evaluation of area-closure fisheries management and stock abundance assessment methods
Publication: Research - peer-review › Journal article – Annual report year: 2006

A cooperative effort to exchange age reading experience and protocols between European fish institutes
Publication: Research - peer-review › Journal article – Annual report year: 2005

Application and validation of otolith microstructure as stock identifier in mixed Atlantic herring (Clupea harengus) stocks in the North Sea and Western Baltic
Worsøe Clausen, L., Bekkevold, D., Hatfield, E. M. C. & Mosegaard, H. 2005 In : I C E S Council Meeting. p. 1-16
Publication: Research › Conference article – Annual report year: 2005

Environmental correlates of population differentiation in Atlantic herring
Bekkevold, D., André, C., Dahlgren, T. G., Worsøe Clausen, L., Torstensen, E., Mosegaard, H., Carvalho, G., Christensen, T. B. & Ruzzante, D. E. 2005 In : Evolution. 59, 12, p. 2656-2668
Publication: Research - peer-review › Journal article – Annual report year: 2005

Mixing of populations of year class twinning in norwegian spring spawning herring?
Husebø, Å., Slotte, A., Worsøe Clausen, L. & Mosegaard, H. 2005 In : Marine and Freshwater Research. 56, 5, p. 763-772
Publication: Research - peer-review › Journal article – Annual report year: 2005

Atlantic cod (Gadus morhua) growth and otolith accretion characteristics modelled in a bioenergetics context
Hüssy, K. & Mosegaard, H. 2004 In : Canadian Journal of Fisheries and Aquatic Sciences. 61, 6, p. 1021-1031
Publication: Research - peer-review › Journal article – Annual report year: 2004

Effect of age and temperature on amino acid composition and the content of different protein types of juvenile cod (Gadus morhua L.) otoliths
Hüssy, K., Mosegaard, H. & Jessen, F. 2004 In : Canadian Journal of Fisheries and Aquatic Sciences. 61, 6, p. 1012-1020
Publication: Research - peer-review › Journal article – Annual report year: 2004

Effects of sex, stock, and environment on the shape of known-age Atlantic cod (Gadus morhua) otoliths
Cardinale, M., Doering-Arjes, P., Kastowsky, M. & Mosegaard, H. 2004 In : Canadian Journal of Fisheries and Aquatic Sciences. 61, 2, p. 158-167
Publication: Research - peer-review › Journal article – Annual report year: 2004

Märkning av liten fisk
Publication: Research › Book chapter – Annual report year: 2004
Phenotypic characteristics in genetically different populations in the Skagerrak
Worsøe Clausen, L., Mosegaard, H., Bekkevold, D. & Ruzzante, D. E. 2004 In : ICES C.M. 2004/. EE:27, p. 12-13
Publication: Research › Conference article – Annual report year: 2004

Factors determining variations in otolith microincrement width of demersal juvenile Baltic cod Gadus morhua
Hüssy, K., Mosegaard, H., Hinrichsen, H. H. & Böttcher, U. 2003 In : Marine Ecology - Progress Series. 258, p. 243-251
Publication: Research - peer-review › Journal article – Annual report year: 2003

Using otolith microstructure to analyse growth of juvenile Baltic cod Gadus morhua
Hüssy, K., Mosegaard, H., Hinrichsen, H. H. & Böttcher, U. 2003 In : Marine Ecology - Progress Series. 258, p. 233-241
Publication: Research - peer-review › Journal article – Annual report year: 2003

Wright, P. J., Jensen, H., Mosegaard, H. & Dalskov, J. 2002 [s.n.]. 16 p.
Publication: Research › Report – Annual report year: 2002

Fish ageing by otolith shape analysis : Final report to the European Commission
Publication: Research › Report – Annual report year: 2002

Glossary
Panfili, J., Meunier, F. J., Mosegaard, H., Troađec, H., Wright, P. J. & Geffen, A. J. 2002 Manual of fish sclerochronology. Panfili, J., de Pontual, H., Troađec, H. & Wright, P. J. (eds.). Brest: Ifremer, p. 373-383 463 p.
Publication: Research › Book chapter – Annual report year: 2002

Indsamling af detaljerede oplysninger om tobisfiskeriet i Nordsøen
Publication: Research › Report – Annual report year: 2002

Sclerochronological studies - Life history events
Geffen, A. J., de Pontual, H., Wright, P. J. & Mosegaard, H. 2002 Manual of fish sclerochronology. Panfili, J., de Pontual, H., Troađec, H. & Wright, P. J. (eds.). Brest: Ifremer, Vol. III:B, p. 99-105
Publication: Research - peer-review › Book chapter – Annual report year: 2002

Some uses of individual age data - Ecological applications
Mosegaard, H., Folkvord, A. & Wright, P. J. 2002 Manual of fish sclerochronology. Panfili, J., de Pontual, H., Troađec, H. & Wright, P. J. (eds.). Brest: Ifremer, Vol. V:B, p. 167-180
Publication: Research - peer-review › Book chapter – Annual report year: 2002

Some uses of individual age data - Growth and growth analysis
Folkvord, A. & Mosegaard, H. 2002 Manual of fish sclerochronology. Panfili, J., de Pontual, H., Troađec, H. & Wright, P. J. (eds.). Brest: Ifremer, Vol. V:A, p. 146-167
Publication: Research - peer-review › Book chapter – Annual report year: 2002

Validation and verification methods - Direct validation
Publication: Research - peer-review › Book chapter – Annual report year: 2002

A new sampling regime for resource assessment of herring in the Skagerrak, Kattegat and SW Baltic: Final Report : EU study report in support of the DG:XIV
Mosegaard, H., Worsøe Clausen, L., Modin, J., Groeger, J. & Gröhsler, T. 2001 Charlottenlund, Denmark: DIFRES. 72 p. (EU Study Report; No. 98/026).

Manual on herring otolith microstructure preparation and interpretation for stock identification. DIFRES manual produced under the EC study 98026: A new sampling regime for resource assessment of herring in the Skagerrak, Kattegat and SW Baltic
Mosegaard, H., Worsøe Clausen, L. & Lindberg, M. 2001 8 p.
Publication: Research › Report – Annual report year: 2001

Modelling the population dynamics of sandeel (Ammodytes marinus) populations in the North Sea on a spatial resolved level: Final report
Publication: Research › Report – Annual report year: 2001

Revision of Baltic cod age determination based on otolith accretion characteristics and weight distribution
Mosegaard, H. & Reeves, S. A. 2001 In : ICES C.M. 2001/. P:12
Publication: Research › Conference article – Annual report year: 2001

Some considerations in the use of early life stages of Baltic sprat (Sprattus sprattus) in recruitment predictions: the importance of hatching date
Reglero Baron, P., Mosegaard, H. & Eero, M. 2001 In : ICES C.M. 2001/. P:19
Publication: Research › Conference article – Annual report year: 2001

Baltic cod: Resolving processes determining spatial and temporal windows of survival
Publication: Research › Conference article – Annual report year: 2000

Biomærker i sild viser vandringsvejen
Worsøe Clausen, L., Mosegaard, H., St. John, M., Cederberg, T. L. & Fromberg, A. 2000
Publication: Research › Conference abstract for conference – Annual report year: 2000

Section 1: Otolith physiology and morphology
Mosegaard, H. & Morales-Nin, B. 2000 In : Fisheries Research. 46, 1-3, p. 3-4
Publication: Research › peer-review › Journal article – Annual report year: 2000

A new method for three-dimensional otolith analysis
Hamrin, S. F., Arneri, E., Doering-Arjes, P., Mosegaard, H., Patwardhan, A., Sasov, A., Schatz, M., van Dyck, D., Wickström, H. & van Heel, M. 1999 In : Journal of Fish Biology. 54, 1, p. 223-225
Publication: Research › peer-review › Journal article – Annual report year: 1999

Dispersion pattern and survival in young brown trout (Salmo trutta) in a small stream. Manuscript II: From: Reproductive pattern and offspring performance in brown trout (Salmo trutta)
Olofsson, H. & Mosegaard, H. 1999 Uppsala: Uppsala University. 23 p. (Acta Universitatis Upsaliensis. Uppsala dissertations from the Faculty of Science and Technology; No. 457).
Publication: Research › Ph.D. thesis – Annual report year: 1999

Larger eggs in resident brown trout living in sympathy with anadromous brown trout
Olofsson, H. & Mosegaard, H. 1999 In : Ecology of Freshwater Fish. 8, 2, p. 59-64
Publication: Research › peer-review › Journal article – Annual report year: 1999

Report of the study group on Baltic cod age reading
Publication: Research › Conference article – Annual report year: 1999
Report of the study group on IIIa herring (SG3AH)
Publication: Research › Conference article – Annual report year: 1999

The effects of egg size on the performance of interacting young brown trout (Salm€o trutta): Manuscript III: From:
Reproductive pattern and offspring performance in brown trout (Salm€o trutta)
dissertations from the Faculty of Science and Technology; No. 457).
Publication: Research › Ph.D. thesis – Annual report year: 1999

Age and growth determination based on length frequency methods : The current state of the art : The present status of
otolith research and applications
Publication: Research › Report – Annual report year: 1998

Marking otolith
Folkvord, A., Wright, P. J. & Mos€egaard, H. 1998 Proceedings of a workshop, held at the University of Bergen, Norway,
Publication: Research › Article in proceedings – Annual report year: 1998

Microstructural validation of annual increments. The present status of otolith research and applications
Publication: Research › Report – Annual report year: 1998

Otolith thin-section preparation : some problems and new developments : Otolith preparation and analysis
(EFAN Report; No. 2-1998).
Publication: Research › Report – Annual report year: 1998

Spatial and temporal distribution of brown trout redds in a small temperate stream
Proceedings. 26, p. 2308-2313
Publication: Research ‐ peer-review › Journal article – Annual report year: 1998

The regulation of otolith formation and its significance to age determination, size back-calculation and elemental
composition. The present status of otolith research and applications
Publication: Research › Report – Annual report year: 1998

Backcalculating Baltic cod size at age from otolith measurements
Publication: Research › Conference article – Annual report year: 1997

Multivariate analysis and data structure: The present status of otolith research and applications
Publication: Research › Article in proceedings – Annual report year: 1998

Partitioning of larval fish growth: The effects of age and developmental stage of larval herring on the accumulation rates of
protein, triacylglycerol and otolith formation
Publication: Research › Conference abstract in proceedings – Annual report year: 1997

Discrimination of mixed herring stocks in the North Sea using vertebral counts and otolith microstructure
Publication: Research › Conference article – Annual report year: 1996
Implications of individual growth status on the future sex of the European eel
Holmgren, K. & Mosegaard, H. 1996 In : Journal of Fish Biology. 49, 5, p. 910-925
Publication: Research - peer-review › Journal article – Annual report year: 1996

Plasticity in growth of indoor reared European eel
Holmgren, K. & Mosegaard, H. 1996 In : Nordic Journal of Freshwater Research. 72, p. 63-70
Publication: Research - peer-review › Journal article – Annual report year: 1996

Glossary for otolith studies
Kalish, K. M., Beamish, R. J., Brothers, E. B., Casselman, J. M., Francis, R. I. C. C., Mosegaard, H., Panfili, J., Prince, E. D., Tresher, R. E., Wilson, C. A. & Wright, P. J. 1995 Recent Developments in Fish Otolith Research. Secor, D. H., Dean, J. M. & Campana, S. E. (eds.). Colombia: University of South Carolina, 735 p. (The Belle W. Baruch Library in Marine Science; No. 19).
Publication: Research - peer-review › Book chapter – Annual report year: 1995

Otolith micro-structure pattern as an indicator of environmental and fish condition of Baltic cod at settling
Mosegaard, H., St John, M. A. & Hüssy, K. 1995 In : ICES CM 1995/. G:37
Publication: Research › Conference article – Annual report year: 1995

A model of otolith and larval fish growth
Publication: Research › Article in proceedings – Annual report year: 1994

Fluctuating recruitment and variable life history of migratory brown trout, Salmo trutta L., in a small, unstable stream
Titus, R. G. & Mosegaard, H. 1992 In : Journal of Fish Biology. 41, 2, p. 239-255
Publication: Research - peer-review › Journal article – Annual report year: 1992

Initial feeding in migratory brown trout (Salmo trutta L.) alevins
Zimmerman, C. & Mosegaard, H. 1992 In : Journal of Fish Biology. 40, 4, p. 647-650
Publication: Research - peer-review › Journal article – Annual report year: 1992

Multi-aged emigration of brown trout (Salmo trutta) in a small Baltic-coast stream: a mechanism for population persistence in an unstable environment: From: The Role of Aquaculture In Fisheries
Publication: Research › Report – Annual report year: 1991

Selection for growth potential among migratory brown trout (Salmo trutta) fry competing for territories: evidence from otoliths
Titus, R. G. & Mosegaard, H. 1991 In : Canadian Journal of Fisheries and Aquatic Sciences. 48, 1, p. 19-27
Publication: Research - peer-review › Journal article – Annual report year: 1991

Undersökning av Tandåns fiskbestånd
Publication: Research › Report – Annual report year: 1992

The relationship between growth and age at maturity in arctic charr, Salvelinus alpinus (L.), in Lake Fättjaure, Northern Sweden: Manuscript IV: From: On the reproductive Ecology of the Arctic Charr, Salvelinus alpinus (L.)
Svedäng, H. & Mosegaard, H. 1990 Uppsala: Uppsala University. (Acta Universitatis Upplala University; No. 331).
Publication: Research › Ph.D. thesis – Annual report year: 1990

What is reflected by otolith size at emergence? - A reevaluation of the results in West and Larkin (1987)
Mosegaard, H. 1990 In : CANADIAN JOURNAL OF FISHERIES AND AQUATIC SCIENCES. 47, 1, p. 225-228
Publication: Research - peer-review › Journal article – Annual report year: 1990
Differences in age determination of roach using scales and otoliths
Mosegaard, H., Appelberg, M. & Ängstrom-Klevbom, C. 1989 (Information från Sötvattenslaboratoriet, Drottningholm; No. 1989(3)).
Publication: Research › Report – Annual report year: 1989

Smolting at age 1 and its adaptive significance for migratory trout, Salmo trutta L., in a small Baltic coast stream
Publication: Research - peer-review › Journal article – Annual report year: 1989

Uncoupling of somatic and otolith growth rates in Arctic char
Mosegaard, H., Svedäng, H. & Taberman, K. 1988 In : Canadian Journal of Fisheries and Aquatic Sciences. 45, 9, p. 1514-1524
Publication: Research - peer-review › Journal article – Annual report year: 1988

Daily growth rates of otoliths in yolk sac fry of two salmonid species at five different temperatures
Publication: Research - peer-review › Article in proceedings – Annual report year: 1987

Manipulation of otolith micro structures as a means of mass marking salmonid yolk sac fry
Publication: Research - peer-review › Article in proceedings – Annual report year: 1986

Growth in salmonid otoliths
Mosegaard, H. 1986 In : Acta Universitatis Upsaliensis. Comprehensive summaries of Uppsala dissertations from the Faculty of Science. 52, p. 1-18
Publication: Research - peer-review › Journal article – Annual report year: 1985

Synopsis of the International Symposium on Age and Growth of Fish. Des Moines, Iowa, USA, 1985, 8-13 June
Mosegaard, H. 1986 Uppsala University, Limnological Inst.12 p.
Publication: Research › Report – Annual report year: 1986

Statistisk analys av nosmärkningsresultaten på öring i Siljan åren 1977-84
Mosegaard, H. 1985 In : Fiskerinytt. 22, p. 17-22
Publication: Research › Journal article – Annual report year: 1985

Limnological investigations in the Narssaq Area: Fra: The Narssaq Project. Progess Report No. 2
Publication: Research › Report – Annual report year: 1983

Statistisk bilaga: Fra: Ett forsök 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 → 28/02/2018
Project: PhD
Ballast water - Tool for supporting the delimitation of a "same risk area" (39348)
Christensen, A., Hansen, F. T., Mosegaard, H., Pedersen, 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
Project

Danish Fisher-Researcher Network (39315)
Mosegaard, H. & Pedersen, E. M.
06/11/2015 → 06/11/2017
Project

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

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
Project

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
Project: PhD

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

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
Project

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
Project
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
Project

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 → 31/01/2018
Project: PhD

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
Project: PhD

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) (38989)
Hüssy, K., Hansen, J. H., Huwer, B., Bastardie, F., Eero, M., Nielsen, J. R., Worsøe Clausen, L., Mosegaard, H., Størr-Paulsen, M., Olesen, H. J., Kirkegaard, E., Larsen, P. V., Hansen, F. I., 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 → 31/05/2012
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., Hüsey, 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. & Väsemägi, 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., Hüsey, 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)
Hüsey, 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 IIIa) (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. & Møllmann, C.
01/01/2005 → 31/12/2008
Project

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 62ºN - 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