

**Name:** J. Rasmus Nielsen  
**Date of birth:** 2<sup>nd</sup> March 1965  
**Citizenship:** Danish

#### University education, evaluations, and degrees held

*Doctor of Science (Dr. sc.) / PhD, Wageningen University (WUR), NL*.....2015  
*Professor qualification evaluation DTU, positive external/international evaluation*.....2014  
*Lecturer MSK Level 4 (Associate Professor, external evaluation) (MSK: With Special Qualifications), DTU*....2010-11  
*Senior Scientist (external evaluation) DIFRES / DTU Aqua*.....2001  
*Cand. scient. et mag. art. in Biology and Nordic Philology, University of Copenhagen (KU)*.....1992  
*Mag. art., Subsidiary Subject in Nordic Philology, KU, (Language, Literature, Communication)*.....1992  
*Cand. scient. in Biology, KU, specialised in Fisheries Biology and Population Dynamics* .....1991  
*Graduate Certificate as Research Fellow in Renewable Resources, MacDonald College, McGill University*.....1990  
*Bachelor in Biology, University of Copenhagen (KU)* .....1989

*Ph.D. and Post Graduate Courses:* Dutch Doctor of Science Degree / PhD, Wageningen University (WUR, NL) Jan. 2015. Possess a long row of graduate and PhD courses from 1990-present at different universities and institutes: Education in University Teaching at DTU (UDTU Courses Modules 1-4) with Diploma (2012-13); Innovation Pedagogics Course DTU (2013); Individual Coaching Course in Research Leadership with Diploma as Head of Research Section (2006); ATLANTIS Ecosystem Model Course (ICES/EU-FP7-Vectors 2011); FLR Modelling and Assessment Courses (ICES, 2007, DTU 2011-2013); GIS Courses (DM 1995, DTU 2007); CTD Hydrographical Course with Diploma (DANA, 1998); Statistical Design Planning Course (DTU 1993); Presentation of Papers in English (DM, 1995); Courses in Assessment Methods (GF-CPH 1988; Nordic Council of Ministers-Greenland 1992); Fisheries Gear Technology Courses (DIFTA 1991, GF-Cph 1991); Fish and Fish Nutrition in Marine Systems (Nordic Council of Ministers Course, Iceland 1989); Graduate Courses in Renewable Resources (as Research Fellow) at MacDonald College, McGill University and Fisheries and Oceans (DFO), Montreal, Canada (1990-91).

#### Positions held

1. *Professor, Research Coordinator, Fisheries Management, DTU Aqua*.....2015-
2. *Research Coordinator and Senior Scientist MSK, Fisheries Management Division, DTU Aqua*.....2013-2014
3. *Head of Research Section and Senior Scientist MSK, Management Systems Section, DTU Aqua* .....2007-2013
4. *Research Coordinator and Senior Scientist, Fisheries Management Section, DTU Aqua/DIFRES*.....2001-2007
5. *Technical Advisor, Research Inst. Mar. Products, Vietnam; Danish Government (DANIDA) Project*.....1996-1997
6. *Research scientist, DIFRES, North Sea Centre, Hirtshals and Charlottenlund Castle*.....1992-2001
7. *Research scientist, Greenland Fisheries Research Institute (GF), Copenhagen*.....1992
8. *Graduate student employment, fisheries biology, Greenland Fisheries Research Institute*.....1988-1991

#### Scientific focus and experience

Professor, Research Coordinator, and Head of Research Section, Fisheries Management and Management Systems, DTU Aqua. He is author of 60 peer reviewed publications (and additionally 9 papers submitted or in submission) and totally of 219 publications. Citations: 1205. H-Index: 22 (SCOPUS/Google Scholar); 17 (Web of Science).

**Research:** He is specialized in fisheries science. His main research is in fish population and fisheries dynamics, stock assessment, and fisheries management and advice including bio-economic fisheries management evaluation tools, fisheries hydro-acoustic methods, and research survey design / analysis methods. Important working areas are research in spatial population dynamics, fisheries and interactions with the environment and other marine activities, survey and fish detection methods, fisheries management methods and tools, stock assessment (incl. data limited stocks), and research based fisheries management advice. This includes research in main temperate, tropical and arctic marine and fisheries systems (North Sea, Baltic Sea, South China Sea (Vietnam), Arabian Gulf, North Atlantic (Greenland/Canada) Waters).

**Projects:** He has been main coordinator, contractor and initiative taker to many large international and national research projects, e.g. EU-FP6-EFIMAS (int. coordinator; [www.efimas-project.org](http://www.efimas-project.org)), EU-Tender-ISDBITS (int. coordinator), EU-FP5-EASE (int. co-coordinator), International Femern Belt Fish and Fisheries Science Provision Project (int. coordinator), two Nordic Council of Ministers Research Projects (int. coordinator), The Sound Bridge Fishery Evaluation Project (nat. coordinator), EMFF Marine Spatial Planning Tools MSPTOOLS Project (coordinator), EMFF Management of Data Limited Stocks ManDaLis Project (coordinator), DFFE Herring Selection Project (coordinator), Quality Assessment on North Stream 2 EIA Contract (coordinator), and the DFFE IMPSEL Project. He is national responsible, steering group member, and initiative taker of several other international and national research projects incl. work package, case study and task leader (e.g. EU-H2020-MEESO, EU-H2020-CERES, EU-FP7-BENTHIS, EU-FP7-SOCIOEC, Danish Strategic Research Council Project IMAGE/MAFIA, Saudi Arabian Fisheries Science Project I,

EU-FP6-PKFM, EU-FP6-CEVIS, and several EU MARE/EMFF/EASME Tender Projects e.g. Lot 1 Protecting bycaught species in mixed fisheries (PROBYFISH), Lot 1 Scientific Support to the High Seas Fisheries in the Central Arctic Ocean (EFICA), Lot2 Data Poor Stocks in Mixed Fisheries (DRUMFISH), EU-HELCOM ACTION, EU-HELCOM BalticBOOST, Lot2-VMS-Logbook-Coupling, Lot5-Review-BioEconomic-Models, Lot1-EVARES-Survey-Evaluation. He is responsible and initiative taker for research fund raising amounting >150 million DKK (>20 million EURO).

**Advice:** He has long international advisory experience; Since 1997 responsible for the ICES WGNSSK North Sea Norway pout stock assessment and benchmarking; co-chair of ICES WGECON (ICES Fisheries Economics Working Group, 2018- ); co-chair of ICES WGIMM / SGIMM (Integrated Management Modelling, 2011- ); alternate national ICES SCICOM Member (2010- ); co-chair of ICES IBP Pout (2012); chair of ICES RGANW (2010); chair of ICES AGNOP (2007); and national member of the former ICES Resource Management Committee (RMC, 2006-2010). Member of several ICES Benchmark Assessment Working Groups. Appointed to several EU STECF Management Evaluation Working Groups (STECF SGMOS/EWG) and member of other advisory groups (ICES WGBIFS (1999-2004), ICES WGFS (2004-08), ICES WKFBI (2015), ICES WKBENTH (2016), ICES WKTRADE (2016), ICES WKLIFE V-VIII 2015-). For more than a year scientific advisor in Vietnam, joint Danish Government (DANIDA) & Vietnam Government Development Aid & Research Project. He is national responsible for an advisory research project assessing the data limited Saudi Arabian fisheries resources in the (tropical) Arabian Gulf (2014-16), as well as responsible for a national project assessing data limited stocks important for Danish fishery (2015-16). He has produced a long row of advisory notes to national authorities, and has extensive collaboration with national commercial fisheries organizations and international fishery advisory bodies (ICES, NAFO, FAO, RACs).

**Key note:** He has been invited speaker by EU DGMARE at the EU-China-Blue-Growth-Event Bruxelles June 2017 <https://webgate.ec.europa.eu/maritimeforum/en/node/4065>, invited co-chair and speaker of Session 7A “Ecological-Economic Modelling” at the World Fisheries Conference (WFC) Edinburgh Scotland 2012, invited Moderator of Session 507/21B “Economic-Ecological Models for EBFM” at IIFET Conference Dar-Es-Salaam Tanzania 2012, co-chair of the Session 502 “Making Integrated Ecological-Economic Models Useful” at IIFET Conference Brisbane Australia 2014, chair of Open Session on „Tools for data poor stocks in mixed, small scale and indigenous fisheries“ at the IIFET Conference Seattle USA 2018, invited key note speaker at the bi-annual Danish Sea Research Meeting Roskilde University January 2013, co-chair of and initiative taker to Theme Session M “Social, economic and ecological impact assessment across marine sectors“ at the ICES Annual Science Conference, Copenhagen, 2015, and invited speaker at the W.&A. de Nottbeck Foundation and KONEEN SÄÄTIÖ International Workshop on „Baltic Sea Ecosystem Models and their Application for Management“ Tvärminne, SF Sept. 2015.

**Editorial duties and referee work:** Reviewer of research projects for the Estonian and Faroese Research Councils. Editorial work for Elsevier Publishers (2 Books). Reviewer for 8 different highly recognized international scientific peer reviewed journals and publishers (books). He has been reviewer of a very long row of scientific journal papers, book chapters, and several international research projects. He has been member of several senior scientist and scientist review and evaluation boards and PhD Evaluation Boards, among other as chair of 3 PhD evaluation boards.

**Teaching:** He is DTU Aqua representative in the PhD Committee for DTU Life Sciences (2015- ). He has been supervisor of several PhDs (7), PostDocs (5) and Master thesis students (6): O. Eigaard, PhD (2009-11); S.D. Ross, PhD, (main supervisor 2011-15); S. Bossier, PhD (main supervisor 2016-19); T. Mildenerger, PhD (main supervisor 2017-2020), K. Plet-Hansen, PhD (2016-19 co-supervisor); M.-C. Rufener, PhD (2017-20 co-supervisor); NN-MEESO (co-supervisor 2019-22); F. Bastardie, PostDoc (2007-10); O. Eigaard, PostDoc (2011-12); J.P. Feekings, PostDoc (co-supervisor, 2012-15); A. Palacz, PostDoc (co-supervisor 2013-15); M.W. Pedersen, PostDoc (co-supervisor 2015-16); S. Bossier (ERASMUS Candidate, main supervisor 2015-16); T. Mildenerger (ERASMUS Candidate, main supervisor 2016); G. Lambert, M.Sc. (2007); G. Caratzas, M.Sc. (2013); L. Pecuchet, M.Sc. (2013); P. Issac, M.Sc. (2015-16); M. Bigne, M.Sc. (2017); L. Diernæs, M.Sc. (2019). He is university course leader, initiative taker, and responsible for the DTU 25312 Fisheries Systems – Management and Modelling Course, course leader and co-responsible for the DTU 25318 Aquatic Ecosystem Management, co-responsible and co-course leader for the DTU 25107 General Engineering Bachelor Course in Fisheries and Aquaculture; course leader for several Specialized Courses at DTU in Marine Spatial Planning, Fisheries Systems, and Benthic Impact of Fisheries, Survey Monitoring, and teacher and module responsible in several other university courses under DTU, KU, AAU, RIMP (e.g. the DTU 25307 Fisheries Ecology and Assessment Course, DTU 25309 Design of Surveys and Monitoring Systems Course, 25608 Catch Technology PhD Course, and the Aalborg University (AAU) Environmental Management Course for Graduate Biology Students). Co-responsible for developing the DTU Fisheries Diploma Engineer education in Greenland. He is member of the Danish University Biology Censor Corps. He has been steering Group member of the FAME Research School (FISHNET), and is Advisory Board Member for the IFM Institute and Centre at Aalborg University. He is international and national

Research Project leader, Scientific Expert and Key Consultant and Evaluator for Environmental Impact Assessment and Science Provision Projects to A/S Øresund and A/S Femern Belt under the Danish Ministry of Transport concerning establishment of the Fixed Links in the Sound between DK and S (2003-2008) and in the Femern Belt between DK and D (2009-2014), and in Quality Assessment of EIA for North Stream 2 (2019). He is main developer of and reporter to the [www.efimas-project.org](http://www.efimas-project.org) home page and the associated DocuWiki.

**Linguistic skills:** Danish and English: Fluently in speech and writing; German and French: Moderate in speech and writing; Norwegian and Swedish: Moderate in speech and writing.

**Publications, Totally: 219; Scientific Peer Reviewed Publications: 60; Scientific Peer Reviewed papers submitted, in submission or in advanced prep: 9; Scientific Conference Proceedings, Popular Scientific Publications, and Reports: 151;** Additionally a very long row of EU Research Project Deliverables and Interim Reports, ICES Assessment Working Group Reports, ICES Study Group Reports, EU STECF SGMOS & EWG Advisory Reports, DANIDA Project Advisory Reports to the Vietnamese Government an Authorities, Project Advisory Reports to the Saudia Arabian Government and KFUPM University, and production of many Official Advisory Notes to the Danish Ministries of Environment, Food and Fisheries.

1. Nielsen J.R., Thunberg E., Holland D. S., et al. 2018. Integrated ecological-economic fisheries models – Evaluation, review and challenges for implementation. **Fish and Fisheries** 19(1): 1-29, <https://doi.org/10.1111/faf.12232>.
2. Bigné, M.\*, Nielsen, J.R.\*<sup>1</sup>, and Bastardie, F. 2018. Opening of the Norway pout box: will it change the ecological impacts of the North Sea Norway pout fishery? **ICES J. Mar. Sci.** <http://dx.doi.org/10.1093/icesjms/fsy121> (\*Authorship equal. <sup>1</sup>Corresponding author).
3. Ross, S.D., Nielsen, J.R.\*, Gislason, H., and Andersen, N.G. 2018. Growth and food consumption of whiting *Merlangius merlangus*. **J. Fish Biol.** <https://doi.org/10.1111/jfb.13763> (\*Corresponding author).
4. Bossier, S.\*, Palacz, A.P.\*, Nielsen, J.R.\*, Christensen, A., Hoff, A., Maar, M., Gislason, H., Bastardie, F., Gorton, R., and Fulton, E.A. 2018. The Baltic Sea Atlantis: An integrated end-to-end modelling framework evaluating ecosystem-wide effects of human-induced pressures. **PLoS ONE** 13(7): e0199168. <https://doi.org/10.1371/journal.pone.0199168> (\*Authorship equal).
5. Malvarosa, L., Murillas, A., Lehuta, S., Nielsen, J.R., Macher, C., Goti-Aralucea, L., Motova, A., Doering, R., Haraldson, G., Accadia, P., Hamon, K.G., Bastardie, F., Maravelias, C.D., Mardle, S., Thøgersen, Th. 2018. Sustainability Impact Assessment (SIA) in fisheries. Implementation in EU fishing regions. **Marine Policy, JMPO\_2017\_725\_R2**, <https://doi.org/10.1016/j.marpol.2018.11.039>.
6. Schreiber Plet-Hansen, K., Larsen, E., Mortensen, L.O., Nielsen, J.R., and Ulrich, C. 2018. Unravelling the scientific potential of high resolution fishery data. **Aquatic Living Resources** 31 (24): 14 pp, <https://doi.org/10.1051/alr/2018016>.
7. Soma, K., Nielsen J.R., Papadopoulou N., Polet H., Zengin M., Smith, C.J., Eigaard, O., Sala, A., Bonanomi, S., vd Burg S., Piet G.J., Buisman E., and Gümus, A. 2018. Stakeholder perceptions in fisheries management – Sectors with benthic impacts. **Marine Policy**, <https://doi.org/10.1016/j.marpol.2018.02.019>.
8. Janßen H., Bastardie F., Eero M., Hamon K.G., Hinrichsen H.H., Marchal P., Nielsen J.R., Le Pape O., Schulze T., Simons S., Teal L.R., and Tidd A. 2017/2018. Integration of fisheries into marine spatial planning: Quo vadis? **Estuarine, Coastal and Shelf Science** 201: 105-113 <http://dx.doi.org/10.1016/j.ecss.2017.01.003>
9. Bastardie, F., Nielsen, J. R., Eero, M., Fuga, F., and Rindorf, A.2017. Effects of changes in stock productivity and mixing on sustainable fishing and economic viability. **ICES J. Mar. Sci.** 74(2); 535-551. <https://doi.org/10.1093/icesjms/fsw083>.
10. Bastardie, F., Angelini, S., Bolognini, L., Manfredi, C., Martinelli, M., Santojanni, A., Scarcella, G., Nielsen, J.R., Grati, F., 2017. Spatial planning for fisheries in the Northern Adriatic: working towards viable and sustainable fishing. **Ecosphere** 8(2) <https://doi.org/10.1002/ecs2.1696>.
11. Eigaard O.R., Bastardie F., Hintzen N., Buhl-Mortensen L., Buhl-Mortensen P., Catarino R., Dinesen G.E., Egekvist, J., Fock H., Geitner K., Gerritsen H., Gonzalez M.M., Jonsson P., Kavadas S., Lafargue P., Lundy M., Mirelis G.G., Nielsen J.R., Papadopoulou N., Posen P., Pulcinella J., Russo T., Sala A., Silva C., Smith C., Vanelslander B., Rijnsdorp, A.D. 2017. The footprint of bottom trawling in European waters: distribution, intensity and seabed integrity. **ICES J. Mar. Sci.** 74(3): 847-865. <https://doi.org/10.1093/icesjms/fsw194>.
12. Hornborg, S., Ulmestrand, M., Sköld, M., Jonsson, P., Valentinsson, D., Eigaard, O.R., Feekings, J.P., Nielsen, J.R., Bastardie, F., and Lövgren, J. 2017. New policies may call for new approaches: the case of the Swedish Norway lobster (*Nephrops norvegicus*) fisheries in the Kattegat and Skagerrak. **ICES J. Mar. Sci.** 74(1): 134-145. <https://doi.org/10.1093/icesjms/fsw153>.
13. Gascuel, D., Coll, M., Fox, C., Guénette, S., Guittou, J., Kenny, A., Knittweis, L., Nielsen, J.R., Piet, G., Raid, T., Travers-Trolet, M., and Shephard, S. 2016. Fishing impact and environmental status in European seas: a

- diagnosis from stock assessments and ecosystem indicators. **Fish and Fisheries** 17(1): 31-55. <https://dx.doi.org/10.1111/faf.12090> (2014).
14. Marchal, P., Andersen, Aranda, M., Fitzpatrick, M., J.L., Goti, L., Guyader, O., Haraldsson, G., Hatcher, A., Hegland, T.J., Le Floch, P., Macher, C., Malvarosa, L., Maravelias, C., Mardle, S., Murillas, A., Nielsen, J.R., Sabatella, R., Thoegersen, T., and Ulrich, C. 2016. A comparative review of fisheries management experiences in the European Union and other countries worldwide: Iceland, Australia, New Zealand. **Fish and Fisheries** 17 (3): 803-824 <http://dx.doi.org/10.1111/faf.12147>.
  15. Ross, S.D., Gislason, H., Andersen, N.G., Lewy, P., and Nielsen, J.R. 2016. The diet of whiting (*Merlangius merlangus*) in the western Baltic Sea. **J. Fish. Biol.** 88(5): 1965-1988. <https://doi.org/10.1111/jfb.12959>.
  16. Rijnsdorp, A. D., Bastardie, F., Bolam, S. G., Buhl-Mortensen, L., Eigaard, O. R., Hamon, K. G. Hiddink, J. G., Hintzen, N. T., Ivanovic, A., Kenny, A., Laffargue, P., Nielsen, J. R., O'Neill, F. G., Piet, G. J., Polet, H., Sala, A., Smith, C., van Denderen, P. D., van Kooten, T., and Zengin, M. 2016. Towards a framework for the quantitative assessment of trawling impact on the seabed and benthic ecosystem. **ICES J. Mar. Sci** 73 (Suppl. 1): 127–138. <https://doi.org/10.1093/icesjms/fsv207>.
  17. Eigaard, O.R., Bastardie, F., Breen, M., Dinesen, G., Hintzen, N., Laffargue, P., Mortensen, L.O., Nielsen, J.R., Nilsson, H.C., O'Neill, F.G., Polet, H., Reid, D., Sala, A., Sköld, M., Smith, C., Sørensen, T.K., Tully, O., Zengin, M. and Rijnsdorp, A. 2016. Estimating seabed pressure from demersal trawls, seines and dredges based on gear design and dimensions. **ICES J. Mar. Sci.** 73 (Suppl. 1): 27-43. <https://doi.org/10.1093/icesjms/fsv099>.
  18. Nielsen, J.R. 2015. Methods for integrated use of fisheries research survey information in understanding marine fish population ecology and better management advice. **Monograph. Dutch Dr. Sc. and PhD Thesis, Wageningen University, Wageningen, NL, ISBN 978-94-6257-255-3, 187 pp.**
  19. Pecuchet, L., Nielsen, J.R., and Christensen, A. 2015. Impacts of the local environment on recruitment – a comparative study of North and Baltic Seas fish stocks. **ICES J. Mar. Sci.** 72 (5): 1323-1335. <https://doi.org/10.1093/icesjms/fsv220>.
  20. Bastardie, F., Nielsen, J.R., Eigaard O., Fock O.H., Jonsson, P., and Bartolino V. 2015. Competition for marine space: modelling the Baltic Sea fisheries and effort displacement under spatial restrictions. **ICES J. Mar. Sci.** 72 (3): 824-840 <https://doi.org/10.1093/icesjms/fsv215>.
  21. Nielsen, J.R.\*<sup>1</sup>, Kristensen, K.\*<sup>2</sup>, Lewy, P., and Bastardie, F. 2014. A statistical model for estimation of fish density including correlation in size, space, time and between species from research survey data. **PLoS ONE** 9(6): e99151, p. 1-15. <https://doi.org/10.1371/journal.pone.0099151>. (PONE-D-13-36261R2. \*Authorship equal; <sup>1</sup>Corresponding author).
  22. Miethé, T., Bastardie, F., von Dorrien, C., and Nielsen, J.R. 2014. Supplementing impact assessment of closure to fisheries with high resolution spatial analysis of effort and landings in the Western Baltic Sea **Fish. Res.** 157: 170-179. <https://doi.org/10.1016/j.fishres.2014.04.004>.
  23. Bastardie, F., Nielsen J.R, and Miethé, T. 2014. DISPLACE: a Dynamic, individual-based model for spatial fishing planning and effort displacement – integrating underlying fish population models. **Can. J. Fish. Aquat. Sci.** 71: 1-21. <https://doi.org/10.1139/cjfas-2013-0126>.
  24. Nielsen, J.R.\*<sup>1</sup>, Lundgren, B., Kristensen, K, and F. Bastardie. 2013. Localization of nursery areas based on comparative analyses of horizontal and vertical distribution patterns of juvenile Baltic cod. **PLoS ONE** 8 (8): e70668, p. 1-20. <https://doi.org/10.1371/journal.pone.0070668>. (PONE-D-13-06442R. \*Corresponding author).
  25. Bastardie, F., Nielsen, J.R., Andersen, B.S., and Eigaard, O. 2013. Integrating individual trip planning in energy efficiency – Building decision tree models for Danish fisheries. **Fish. Res.** 143: 119-130. <https://doi.org/10.1016/j.fishres.2013.01.018>.
  26. Nielsen, J.R.\*<sup>1</sup>, Lambert, G.\*<sup>2</sup>, Bastardie, F., Sparholt, H., and M. Vinther. 2012a. Do Norway pout (*Trisopterus esmarkii*) die from spawning stress? Mortality of Norway pout in relation to growth, maturity and density in the North Sea, Skagerrak and Kattegat. **ICES J. Mar. Sci.** 69(2): 197-207. <https://doi.org/10.1093/icesjms/fss001>. (\*Authorship equal; <sup>1</sup>Corresponding author).
  27. Ulrich, C., Wilson, D.C., Nielsen, J.R., Bastardie, F., Reeves, S., Andersen, B.S., and Eigaard, O.R. 2012. Challenges and opportunities for fleet- and métier-based approaches for fisheries management under the European Common Fishery Policy. **Ocean & Coastal Management** 70: 38-47. <http://dx.doi.org/10.1016/j.ocecoaman.2012.06.002>
  28. Eigaard, O., Hermann, B., and Nielsen, J.R. 2012. Influence of grid orientation and time of day in a small meshed trawl fishery for Norway pout (*Trisopterus esmarkii*). **Aquat. Liv. Res.** 25: 15-26. <https://doi.org/10.1051/alr/2011152>.



29. *Prellezo, R., P. Accadia, J. L. Andersen, B.S. Andersen, E. Buisman, A. Little, J. R. Nielsen, J.J. Poos, J. Powell, and C. Röckmann. 2012. A review of EU bio-economic models for fisheries. The value of a diversity of models. Marine Policy 36 (2): 423-431. <https://doi.org/10.1016/j.marpol.2011.08.003>.*
30. *Nielsen, J.R.\*<sup>1</sup>, Methven, D.A.\*, and Kristensen, K.\*. 2010. A statistical discrimination method using sagittal otolith dimensions between sibling species of juvenile cod *Gadus morhua* and *Gadus ogac* from the North-West Atlantic. J. Nortw. Atl. Fish. Sci. 43: 27-45. <http://dx.doi.org/10.2960/J.v43.m667> (\*Authorship equal; <sup>1</sup>Corresponding author.)*
31. *Bastardie, F., Nielsen, J.R., and Kraus, G. 2010a. Management strategy evaluation framework for the Eastern Baltic cod fishery to test robustness of management against environmental conditions and fleet response scenarios. ICES J. Mar. Sci. 67: 71-86. <http://dx.doi.org/10.1093/icesjms/fsp228>*
32. *Bastardie, F., Nielsen, J.R., Ulrich, C., Egekvist, J., and Degel, H. 2010b. Detailed mapping of fishing effort and landings by coupling fishing logbooks with satellite-recorded vessel geo-location. Fish. Res. 106: 41-53 pp. <https://doi.org/10.1016/j.fishres.2010.06.016>.*
33. *Bastardie, F., Nielsen, J.R., Andersen, B.S. and Eigaard, O. 2010c. Effects of fishing effort allocation scenarios on energy efficiency and profitability: an individual-based model applied to Danish fisheries Fish. Res. 106: 501-516. <https://doi.org/10.1016/j.fishres.2010.09.025>.*
34. *Bastardie, F., Vinther, M., Nielsen, J.R., Ulrich, C. and Storr-Paulsen, M. 2010d. Stock-based vs. fleet-based evaluation of the multi-annual management plan for the cod stocks in the Baltic Sea. Fish. Res. 101: 188-202. <https://doi.org/10.1016/j.fishres.2009.10.009>*
35. *Baudron, A., Ulrich, C., Nielsen, J.R., and J. Boje. 2010. Comparative evaluation of the mixed-fisheries effort management system in the Faroe Islands. ICES J. Mar. Sci. 67: 15 pp. <https://doi.org/10.1093/icesjms/fsp284>*
36. *Nielsen, J.R. and Limborg, M. 2009. Managing fleets and fisheries rather than single stocks – conceptual change in European fisheries management advice. World Fishing 58 (1): 8-9.*
37. *Lambert, G\*, Nielsen, J.R.\*<sup>1</sup>, Larsen, L., and H. Sparholt. 2009. Maturity and Growth population dynamics of Norway pout (*Trisopterus esmarkii*) in the North Sea, Skagerrak and Kattegat. ICES J. Mar. Sci. 66 (9): 1899-1914; <https://doi.org/10.1093/icesjms/fsp153>. (\*Authorship equal; <sup>1</sup>Corresponding author)*
38. *Kronbak, L.G.\* , Nielsen, J.R.\* , Jørgensen, O.A.\* , and Vestergaard, N.\*. 2009. Bio-Economic evaluation of more selective trawl fishing gears. J. Env. Man. 90: 3665-3674. <http://dx.doi.org/10.1016/j.jenvman.2009.07.008> (\*Authorship equal).*
39. *Bastardie, F., Baudron, A., Bilocca, R., Boje, J., Bult, T. P., Garcia, D., Nielsen, J.R., Petursdottir, G., Poos, J.J., Sanchez, S., Ulrich, C. 2009. Evaluating Biological Robustness of Innovative Management Alternatives. In: Hauge, K.H. and D.C. Wilson (Eds) 2009. Comparative Evaluations of Innovative Fisheries Management: Global Experiences and European Prospects Dordrecht, The Netherlands: Springer Publishing. <http://www.worldcat.org/oclc/320197711>*
40. *Lundgren, B.\* and J.R. Nielsen\*<sup>1</sup>. 2008. A method for possible discrimination of juvenile gadoid fish by broad bandwidth backscattering spectra versus angle of incidence. ICES J. Mar. Sci. 65: 581-593. <http://dx.doi.org/10.1093/icesjms/fsn031> (\*Authorship equal; <sup>1</sup>Corresponding author)*
41. *Stage, B., Støhr, K.J., Nielsen, J.R., and Lundgren, B. 2008. Observed reactions of fish in captivity to replayed vessel-noise sounds from the fisheries research vessel Dana. Bioacoustics 17: 217-219.*
42. *Ulrich, C., Andersen, B.S., Sparre, P.J., and Nielsen, J.R. 2007. TEMAS: A fleet-based bioeconomic simulation software for evaluating management strategies accounting for fishermen behaviour. ICES J. Mar. Sci., 64: 647-651. <http://dx.doi.org/10.1093/icesjms/fsm044>*
43. *Nielsen, J.R.\*<sup>1</sup>, Sparre, P.J.\* , Hovgaard, H.\* , Frost, H.\* , and Tserpes, G.\* 2006. Effort and Capacity Based Fisheries Management. Chapter 7: p. 163-216. In: Motos, L. and Wilson, D. (editors). 2006. The Knowledge Base for Fisheries Management. Developments in Aquaculture and Fisheries Sciences Series, 36. Elsevier. (\*Authorship equal. <sup>1</sup>Corresponding author).*
44. *Tserpes, G.\* , Peristeraki, P.\* , and Nielsen, J.R.\* 2006. Ecological Side-Effects of Fishing from the Fisheries Management Perspective. Chapter 10: p. 267-294. In: Motos, L. and Wilson, D. (editors). 2006. The Knowledge Base for Fisheries Management. Developments in Aquaculture and Fisheries Sciences Series, 36. Elsevier. (\*Authorship equal).*
45. *Nielsen, J.R. 2005. Virtual fisheries management. ICES CIEM 42: 32.*
46. *Lewy, P.\* , J. R. Nielsen\* , and H. Hovgård\*. 2004. Survey gear calibration independent of spatial fish distribution. Can. J. Fish. Aquat. Sci.: 61 (4): 636-647. <http://dx.doi.org/10.1139/f04-034> (\*Authorship equal.\*Correspondence to all authors)*
47. *Nilsson, L.A.F., Høgsbro, U., Lundgren, B., Nielsen, B.F., Nielsen, J.R., and Beyer, J.E. 2003. Vertical migration and dispersion of Sprat (*Sprattus sprattus*) and herring (*Clupea harengus*) schools at dusk in the Baltic Sea. Aquat. Liv. Res. 16: 8 pp. [http://dx.doi.org/10.1016/S0990-7440\(03\)00039-1](http://dx.doi.org/10.1016/S0990-7440(03)00039-1)*

48. Daug, V.T., Tran, R., Nielsen, J.R. and Riget, F. 2002. Results of bottom trawl surveys carried out in Vietnamese waters (20–200 m) in 1996–1997. **NAGA, The ICLARM Quarterly** 25(1): 15–18.
49. Sparholt, H., L.I. Larsen, and J.R. Nielsen. 2002. Non-predation natural mortality of Norway pout (*Trisopterus esmarkii*) in the North Sea. **ICES J. Mar. Sci.** 59: 1276–1284. <http://dx.doi.org/10.1006/jmsc.2002.1305>
50. Sparholt, H., L.I. Larsen and J.R. Nielsen. 2002. Verification of multispecies interactions in the North Sea by trawl survey data on Norway pout (*Trisopterus esmarkii*). **ICES J. Mar. Sci.** 59: 1270–1275. <http://dx.doi.org/10.1006/jmsc.2002.1296>
51. Nielsen, J.R., B. Lundgren, T.F. Jensen and K.-J. Stæhr. 2001a. Distribution, density and abundance of the western Baltic herring (*Clupea harengus*) in the Sound (ICES Subdivision 23) in relation to hydrographical features. **Fish. Res.** 50: 235–258. [http://dx.doi.org/10.1016/S0165-7836\(00\)00220-4](http://dx.doi.org/10.1016/S0165-7836(00)00220-4)
52. Nielsen, J.R. and M. Andersen. 2001. Feeding habits and density patterns of Greenland cod, *Gadus ogac* (Richardson 1836), at West Greenland compared to those of the coexisting Atlantic cod, *Gadus morhua* L. **J. Northw. Atl. Fish. Sci.**, 29: 1–22.
53. Lundgren, B.\* and J.R. Nielsen\*. 2002. Experiments for possible hydroacoustic discrimination of free-swimming juvenile gadoid fish by analysis of broadband pulse spectra as well as 3D fish position from video images and split beam acoustics. **Bioacoustics** 12 (2/3): 297–299. \*Authorship equal.
54. Lundgren, B.\*, H. Nielsen\*, J.R. Nielsen\* and P. Faber\*. 2001. Estimation of 3D position, angle of attitude and orientation of free-swimming fish in a hydroacoustic beam field under variable lighting conditions. **SCIA Proc. 12<sup>th</sup> Scandinavian Conf. Image Analysis**: 382–390. \*Authorship equal.
55. Marchal, P., Nielsen, J.R., Hovgård, H., and Lassen, H. 2001. Time changes in fishing power in Danish cod fisheries of the Baltic Sea. **ICES J. Mar. Sci.** 58: 298–310. <http://dx.doi.org/10.1006/jmsc.2000.1011>
56. Nielsen, J.R., B. Lundgren, T.F. Jensen and K.-J. Stæhr. 2001b. Herring occurrence in the Sound (ICES SD23) in relation to hydrographical features. pp. 347–356. **In: F. Funk, J. Blackburn, D. Hay, A.J. Paul, R. Stephenson, R. Toresen, and D. Witherell (eds.), Herring: Expectations for a new millennium. University of Alaska Sea Grant, AK-SG-01-04, 2001, Fairbanks.**
57. Poulsen, S.\*, J.R. Nielsen\*, R. Holst\* and K.J. Stæhr\* 2000. An Atlantic herring (*Clupea harengus*) size selection model for experimental gillnets used in the Sound (ICES Subdivision 23). **Can. J. Fish. Aquat. Sci.** 57 (8): 1551–1561. (\*Authorship equal. \*Correspondence to all authors.) <http://dx.doi.org/10.1139/cjfas-57-8-1551>
58. Nielsen, J.R.\*<sup>1</sup> and B. Lundgren\*. 1999. Hydroacoustic *ex-situ* target strength measurements on juvenile cod (*Gadus morhua* L.). **ICES J. Mar. Sci.** 56: 627–639. (\*Authorship equal. <sup>1</sup>Corresponding author.)
59. Støttrup, J.G., J.R. Nielsen, C. Krogh and K. Rasmussen. 1994. Results on the extensive production of North Sea cod, *Gadus morhua* L., and their growth and distribution subsequent to release in the Limfjord, Denmark. **Aquaculture and Fisheries Management** 25: 143–159.
60. Andersen, O.G.N.\*, Nielsen, J.R.\*<sup>1</sup> and Smidt, E.L.B.\*. 1993. Description and Comparison of Eggs and Yolk Sac Larvae of Greenland cod (*Gadus ogac*), Atlantic cod (*Gadus morhua*) and Arctic cod (*Boreogadus saida*) from West Greenland waters. **J. Northw. Atl. Fish. Sci.** 16: 19–32 (\*Authorship equal)

**Scientific peer reviewed journal manuscripts completed, submitted or in submission:**

61. Nielsen, J.R., Mildenerger, T., Nowlis, J., Yuniarta, S., Rufener, M.C., Holland, D., Bastardie, F., Bossier, S., Pallisgaard, B., Andersen, M., Dickey-Collas, M., and Pascoe, S., Thébaud, O., Curtis, H., and Thunberg, E. 2019. Challenges in Implementing Stock Assessment, Economic Fishery Analysis, and Risk Assessment for Sustainable Management Strategies of Data Poor Stocks. **Conference Proceeding Paper (ID 617), Open Session on Tools for data poor stocks in mixed, small scale and indigenous fisheries, IIFET Conference, July 16–20, Seattle, USA. Edited by Ann L. Shriver. International Institute of Fisheries Economics and Trade (IIFET), 2018.**
62. Nielsen, J.R., Vastenhoud, B.J.M., Bossier, S., Møhlenberg, F., Bastardie, F., Christensen, A., Dinesen, G., Eigaard, O.R. and Diekman, R. (*In Submission*). Habitat specific fishing impacts and thresholds compared to natural stressors for benthic invertebrate communities in a turbulent Baltic Sea environment. (*In Submission MEPS*).
63. Mildenerger, T.K., Taylor, M., Nielsen, J.R. and Schwamborn, R. (*In Submission*). Accounting for uncertainty in length-frequency analysis: A novel approach to length-based fish stock assessments. (*In Submission*).
64. Bossier, S, Neuenfeldt, S., Christensen, A., and Nielsen, J.R. Ecosystem cascading in the Baltic Sea using the end-to-end Atlantis ecosystem model. (*In Submission*).

65. *Mildenberger, T.K., Berg, C.W., Kokkalis, A., and Nielsen J.R. 2018.* Advancing assessment methods for data-limited fish stocks. (**In Submission**).
66. *Rufener, M.C., Kristensen, K., Nielsen J.R., and Bastardie, F. 2018.* Modelling population spatio-temporals dynamics by coupling opportunistic (fishery) and survey-based data: a solution to boost the information in fish population dynamic and fishery science. (**In submission**).
67. *Nielsen, J.R., Rijnsdorp, A, and Godø, O.R. (In Advanced prep).* Review on trawl research survey catchability and intrinsic factors and external environmental conditions affecting it with focus on fish behavior. (**In Advanced Prep**).
68. *Nielsen, J. R.\*, B. Lundgren\* and K.-J. Staehr\*.* (*In prep.*). Hydroacoustic *ex situ* target strength measurements of free-swimming juvenile gadoids and clupeoids in relation to variations in 3D fish position and angular orientation obtained from synchronized video images. (**In Prep**). *\*Authorship equal*.
69. *Uzars, D\*, Nielsen, J.R.\*, Huwer, B.\*, and Köster, F.W.\* (In Prep).* Feeding Ecology of juvenile Baltic cod according to their distribution and density patterns and habitat affiliation. (**In Prep.;** *\*Authorship equal*)

#### Scientific publications and Conference Proceedings and Posters without external peer review:

70. *Nielsen, J.R., Pallisgaard, B., Andersen, M., Dickey-Collas, M., Pascoe, S., Holland, D., Thébaud, O., Curtis, H., Thunberg, E., Mildenberger, T., Rufener, M.C., Nowlis, J., Yuniarta, S., and Bastardie, F.* Challenges in implementing stock assessment, economic fishery analysis, and risk assessment for sustainable management strategies of data poor stocks. **Extended Abstract and Oral Presentation. ID 617, Open Session on Tools for data poor stocks in mixed, small scale and indigenous fisheries, IIFET Conference, July 16-20, Seattle, USA. Edited by Ann L. Shriver. International Institute of Fisheries Economics and Trade (IIFET), 2018.**
71. *Mildenberger, T.K., Berg, C.W., Kokkalis, A., and Nielsen J.R. 2018.* Advancing assessment methods for data-limited fish stocks. **Extended Abstract and Oral Presentation. ID 350, Open Session on Tools for data poor stocks in mixed, small scale and indigenous fisheries, IIFET Conference, July 16-20, Seattle, USA. Edited by Ann L. Shriver. International Institute of Fisheries Economics and Trade (IIFET), 2018.**
72. *Rufener, M.C., Kristensen, K., Nielsen, J.R., Dinesen, G.E., and Bastardie, F. 2018.* Coupling commercial fisheries and survey data: a practical solution to boost the amount of information in data-poor context. **Extended Abstract and Oral Presentation. ID 271, Open Session on Tools for data poor stocks in mixed, small scale and indigenous fisheries, IIFET Conference, July 16-20, Seattle, USA. Edited by Ann L. Shriver. International Institute of Fisheries Economics and Trade (IIFET), 2018.**
73. *Bastardie, F., Rufener, M.C., Nielsen, J.R., Maina, I., Kavadas, S., Vassilopoulou, V., Alexandrov, L.M., Dragosh, D., Nicolaev, A., Spinu, A., Höffle, H., Farnsworth, K.D., Pedreschi, D., Reid, D., Bolognini, L., Martinelli, M., and Grati, F. 2018.* Modelling spatial interactions among fish communities, fishers and other marine activities: comparing five European case-studies. **Extended Abstract and Oral Presentation. ID 484, Session on marine spatial planning and multiple use, IIFET Conference, July 16-20, Seattle, USA. Edited by Ann L. Shriver. International Institute of Fisheries Economics and Trade (IIFET), 2018.**
74. *Curtis, H., Thebaud, O., and Nielsen, J.R. 2018.* Aims, ambitions, challenges and early progress from a new ICES expert group on Economics. **Extended Abstract and Oral Presentation. ID 355, Session on fishery governance, policy and management, IIFET Conference, July 16-20, Seattle, USA. Edited by Ann L. Shriver. International Institute of Fisheries Economics and Trade (IIFET), 2018.**
75. *Schreiber Plet-Hansen, K., Ulrich, C., and Nielsen, J.R. 2018.* Fine-scale information on discard occurrence and catch composition by coupling CCTV and sea-packing commercial fishery data. **Presentation and Extended Abstract ICES ASC. ICES CM 2018 / P:91.**
76. *Grati, F., L. Bolognini, M. Martinelli, M.G. Finoia, M. Archina, T. Petochi, V. Vassilopoulou, I. Maina, E. Gadolou, L. Alexandrov, A. Spinu, T. Agustsson, A. Gomiero, E. Ravagnan, E. Olsen, A. Beck, G. Søvik, L. Guilhermino, D. Ribeiro, L.R. Vieira, F. Bastardie, J.R. Nielsen. 2017.* Spatial planning for aquaculture: The georeferenced interactions database (GRID). **Presentation and Extended Abstract. EAS Aquaculture Europe Conference, 16-20 October 2017, Dubrovnik, Croatia.**
77. *Bossier S., Nielsen J.R., Bastardie F., Christensen A., Palacz A., Neuenfeldt S. 2017.* Evaluation of sustainable exploitation of major Baltic fish stocks based on an integrated end-to-end modeling framework. **Extended Abstract and Poster. AMEMR (Advances in Marine Ecosystem Modelling Research) Conference, Plymouth, UK, 3-6 July 2017.**
78. *Bossier S., Neuenfeldt S., Otto S.A., Christensen A., Nielsen J.R. 2017.* End-to-end modelling of fish community changes in the Baltic Proper. **Presentation and Extended Abstract, Symposium of Science Delivery for Sustainable Use of the Baltic Sea Living Resources, Tallinn, Estonia, 17-19 October 2017.**

79. Schreiber Plet-Hansen, K., Mortensen, L.O., Nielsen, J.R., Larsen, E., Ulrich, C. 2017. Improving fisheries science with high resolution commercial fishery data. **Presentation and Extended Abstract. ICES CM 2017 / F:407.**
80. Nielsen, J.R. 2016. Norway pout population dynamics and ecological role in the North Sea and Skagerrak. **Working Document 1, ICES WKPOUT 2016. ICES CM 2016/ACOM:35, 99 pp.**
81. Nielsen, J.R., Olsen, J., Håkonsson, K.B., Egekvist, J., and Dalskov, J. 2016. Danish Norway pout fishery in the North Sea and Skagerrak. **Working Document 2, ICES WKPOUT 2016. ICES CM 2016/ACOM:35, 81 pp.**
82. Davies, J.O., Nielsen, J.R., and Clausen, L.W. 2016. Check of age readings of Norway pout in the North Sea between Denmark and Norway. **Working Document 4, ICES WKPOUT 2016. ICES CM 2016/ACOM:35, 3 pp.**
83. Nielsen J.R., Thunberg, E.<sup>2</sup>, Schmidt J.O.<sup>3</sup>, Holland D.<sup>2</sup>, Bastardie F.<sup>1</sup>, Andersen J.L.<sup>4</sup>, Bartelings H.<sup>5</sup>, Bertignac M.<sup>6</sup>, Bethke E.<sup>7</sup>, Buckworth R.<sup>8</sup>, Carpenter G.<sup>9</sup>, Da-Rocha J.M.<sup>10</sup>, Deng R.<sup>8</sup>, Dichmont C.<sup>8</sup>, Doering R.<sup>7</sup>, Esteban A.<sup>9</sup>, Frost H.<sup>4</sup>, Fulton E.A.<sup>8</sup>, Garcia D.<sup>11</sup>, Gasche L.<sup>6</sup>, Gascuel D.<sup>12</sup>, Gourguet S.<sup>6</sup>, Groeneveld R.A.<sup>5</sup>, Guillen J.<sup>13</sup>, Guyader O.<sup>6</sup>, Hamon K.<sup>5</sup>, Hoff A.<sup>4</sup>, Horbowy J.<sup>14</sup>, Kaplan I.C.<sup>2</sup>, Lehuta S.<sup>6</sup>, Little, R.<sup>8</sup>, Leonart J.<sup>13</sup>, Macher C.<sup>6</sup>, Mackinson, S.<sup>15</sup>, Mahevas S.<sup>6</sup>, Mato-Amboage R.<sup>10</sup>, Mapstone B.<sup>8</sup>, Maynou F.<sup>13</sup>, Merzéréaud M.<sup>6</sup>, Palacz A.<sup>1</sup>, Pascoe, S.<sup>8</sup>, Paulrud A.<sup>16</sup>, Prellezo R.<sup>11</sup>, Punt A.<sup>2</sup>, Quaas M.<sup>3</sup>, Ravn-Jonsen L.<sup>17</sup>, Sanchez S.<sup>11</sup>, Simons S.<sup>7</sup>, Thébaud O.<sup>6</sup>, Tomczak M.<sup>18</sup>, Ulrich C.<sup>1</sup>, Van Dijk D.<sup>19</sup>, Vermard Y.<sup>6</sup>, Voss R.<sup>3</sup>, Waldo S.<sup>20</sup>. 2015. Evaluation of integrated ecological-economic models – review and challenges for implementation. **Presentation and Extended Abstract. ICES ASC CM 2015/M:10**
84. Nielsen, J.R., Schmidt, J., Thunberg, E., and Holland D. 2015. Social, economic, and ecological impact assessment across marine sectors. **ICES ASC 2015 Theme Session M Report, [www.ices.dk](http://www.ices.dk): 3 pp.**
85. Bastardie, F., Nielsen, J.R., Rindorf, A., Eero, M. 2015. Effects of recent changes in stock conditions and mixing on sustainability and economic viability of the fishery – the Danish fisheries for Baltic cod. Abstract and Presentation at ICES MYFISH Symposium, 27-30 Oct. 2015, Athens (GR).
86. Bastardie, F., Nielsen, J.R., and Vinther, M. 2015. Causes and consequences of technical, biological and spatial interactions in fisheries management modelled from the individual distribution of fishing effort. **Presentation and Extended Abstract. ICES ASC CM 2015/M:03.**
87. Palacz, A.P., Nielsen, J.R., Christensen, A., Hoff, A., Frost, H., Gislason, H., Maar, M., Bastardie, F., Geitner, K., Hasler, B., Ravn-Jonsen, L., Hutniczak, B., and Fulton, E.A. 2015. An integrated end-to-end modelling framework for testing ecosystem-wide effects of human-induced pressures in the Baltic Sea. **Presentation and Extended Abstract. ICES ASC CM 2015/M:12**
88. Thoya, P., Bastardie, F., Dinesen, G., Hansen, J.L.S., and Nielsen, J.R. 2015. Detecting ecological-economic effects of marine spatial plans from displacing the bottom fishing pressure. **Presentation and Extended Abstract ICES ASC CM 2015/O:05.**
89. Hornberg, S., Ulmestrand, M., Sköld, M., Jonsson, P., Eigaard, O.R., Feekings, J.P., Nielsen, J.R., Bastardie, F., and Lövgren, J. 2015. New policies may call for new approaches: the case of Swedish Norway lobster (*Nephrops norvegicus*) fisheries in the Kattegat and Skagerrak. **Poster. ICES ASC 2015/B:29**
90. Janssen, H., Bartelings, H., Bastardie, F., Eero, M., Girardin, R., Hamon, K.G., Hinrichsen, H.-H., Marchal, P., Nielsen, J.R., Le Pape, O., Schulze, T., Simons, S., Teal, L.R., Tidd, A., and Vermard, Y. 2015. Integration of fisheries in marine spatial planning: Quo vadis? **Presentation and Extended Abstract. ICES ASC CM 2015/O:01.**
91. Nielsen, J.R., Palacz, A., Christensen, A., Bastardie, F., Maar, M., Hoff, A., Frost, H., Ross, S.D., Gislason, H., Geitner, K., Hasler, B., Markager, S., and Fulton, B. 2015. A Baltic Management Evaluation Framework: Ecosystem End2End ATLANTIS & Bio-Economic FISHRENT & DISPLACE Models – Models, Linkages, Scenarios, Initial Results. **W.&A. de Nottbeck Foundation and KONEEN SÄÄTIÖ International Symposium on „Baltic Sea Ecosystem Models and their Application for Management“ Tvärminne, SF, 13-16 Sept. 2015. <http://www.helsinki.fi/science/fem/workshop/>**
92. Bastardie, F., Nielsen, J.R., Thoya, P., Vinther, M., Dinesen, G., and Eigaard, O.R. 2015. Sustainability, fuel use, and profitability: interlinked consequences of stock dynamics and choices of individual vessel spatial effort allocation within the Western Baltic. **Oral Presentation and Abstract, SOCIOEC EU-FP7-SYMPOSIUM: the socio-economic impacts of management measures of the new Common Fisheries Policy, Royal Flemish Academy for Sciences and Arts, Brussels, 17-19 Feb. 2015.**
93. Ross, S.D., Nielsen, J.R., Gislason, H., Andersen, N.G., Vinther, M., and Bastardie, F. 2014. Management of fishery: Importance of food web dynamics in coupling of multispecies models and bio-economic fisheries management evaluation models. **Poster and Abstract, Danish Innovation Fund Conference, Copenhagen 24-25<sup>th</sup> Nov. 2014 + Poster and Abstract, Conference 18. Danske Havforskermede Jan. 2015, Copenhagen, Denmark.**



94. *Palcz, A., Nielsen, J.R., Christensen, A., Gislason, H., Bastardie, F., Geitner, K., Maar, M., Lindegren, M., Hufnagl, M., and Fulton, E. 2014.* The Baltic ATLANTIS model: Implementing a holistic framework to evaluate ecosystem wide responses to changes in climate and anthropogenic forcing. **Poster and Abstract, EU-FP7-VECTORS Symposium, La Grande Motte, France, 18-20 Nov. 2014 + Poster and Abstract, Conference 18. Danske Havforskermoede Jan. 2015, Copenhagen, Denmark.**
95. *Lauréne Pécuchet, L., Nielsen, J.R., and Christensen, A. 2015.* Impacts of the local environment on recruitment - a comparative study of North Sea and Baltic Sea. **Poster and Abstract, Conference 18. Danske Havforskermoede Jan. 2015, Copenhagen, Denmark (Session: Havforening II).**
96. *Rijnsdorp, A.D., Eigaard, O.R., Gregersen, O., Hammon, K.G., Hiddink, J.G., Kenny, A., Laffarque, P., Nielsen, J.R., Piet, G.J., Polet, H., Sala, A., and Zengin, M. 2014.* Incorporating the Benthic Ecosystem in Fisheries Management: BENTHIS a European FP7-project. **Poster, International Flatfish Symposium, Washington, USA 9-14 Nov. 2014.**
97. *Nielsen JR, Schmidt JO, Holland, D, Thunberg E, Amboage RM, Bastardie F, Bethke E, Da-Rocha JM, Doering R, Garcia D, Hoff A, Macher C, Mahevas S, Palacz A, Prelezo R, Simons S, Ulrich C, and Waldo S. 2014b.* Evaluation of integrated ecological-economic models - What are they used for? **Extended Abstract and Oral Presentation. ID 494. IIFET Conference, July 7-11, Brisbane, Australia. Edited by Ann L. Shriver. International Institute of Fisheries Economics and Trade (IIFET), 2014.**
98. *Bastardie, F., Nielsen, J.R., Eigaard O.R., Fock O. H., Jonsson, P., Bartolino V. 2014.* Supporting bio-economic evaluation of spatial planning constraining fishing activities: be quantitative, spatially-explicit, vessel-oriented, stochastic, and dynamically coupled to fish populations. **Extended Abstract and Oral Presentation. ID 186. IIFET Conference, July 7-11, Brisbane, Australia. Edited by Ann L. Shriver. International Institute of Fisheries Economics and Trade (IIFET), 2014.**
99. *Ross, S.D., Holt, R., van Deurs, M., Andersen, N.G., Nielsen, J.R. and Jørgensen, C. 2014.* How does prey quality affect life-history traits under different temperature regimes? **Oral Presentation and Abstract. International Congress on the Biology of Fish, Edinburgh, Scotland, August 3-7, 2014.**
100. *Bastardie, F., and Nielsen, J.R. 2014.* How spatial planning constrains cross-border fisheries: the bio-economic DISPLACE evaluation on the Baltic Sea. **Oral Presentation. Baltic Maritime Spatial Planning Forum, 17-18 June 2014, Riga, Latvia. Invited and accepted presentation by the Baltic MSP Forum Steering Committee.**
101. *Eigaard, O., Bastardie, F., Hintzen, N., Adamovicj, M., Catarino, R., Dinesen, G.E., Fock, H., Gerritsen, H., Gonzalez, M.M., Jonsson, P., Kavadas, S., Lafargue, P., Lundy, M., Mirelis, G.G., Hansen, J., Posen, P., Pulcinella, J., Russo, T., Venelslander, B., Nielsen, J.R., and Rijnsdorp. 2014.* High-resolution mapping of European fishing pressure on the benthic habitats. **Oral Presentation and Abstract. ICES Symposium on Effects of Fisheries on Benthos, 16-19 June 2014, Tromsø, Norway.**
102. *Vinther, M., and Nielsen, J.R. 2013.* Evaluations of Management strategies for Norway pout in the North Sea and Skagerrak, May 2013, DTU AQUA, Copenhagen, Denmark. **ICES CM 2013/ACOM:66. 33 pp.**
103. *Ross, S.D., Nielsen, J.R., Gislason, H., and Andersen, N.G. 2013.* Does whiting play a central role in the food web of the western Baltic Sea? Presentation and Extended Abstract, ICES ASC, Iceland, Sep. 2013. **ICES CM 2013/E:01.**
104. *Ross, S.D., Nielsen, J.R., Gislason, H., and Andersen, N.G. 2013.* How important is whiting in the western Baltic Sea ecosystem? **Presentation and Extended Abstract. Baltic Sea Science Conference, Klaipeda, Lithuania, 26-30 August 2013.**
105. *Nielsen, J. R. 2013.* Fisk, fiskeri, fiskeriforvaltning og udnyttelse af marine ressourcer. **Presentation and Conference Abstract for the Conference 17. Danske Havforskermoede January 2013, Roskilde, Denmark. Invited keynote presentation.**
106. *Thunberg, Eric, Holland, Dan; Nielsen, J. Rasmus; Schmidt, Jörn. 2013.* Coupled Economic-Ecological Models for Ecosystem-Based Fishery Management: Exploration of Trade-offs Between Model Complexity and Management Needs. **Proceedings of the Sixteenth Biennial Conference of the International Institute of Fisheries Economics & Trade (IIFET), July 2012, Dar-Es-Salaam, Tanzania: Economics of Fish Resources and Aquatic Ecosystems: Balancing Uses, Balancing Costs, 2013, International Institute of Fisheries Economics & Trade, Corvallis, OR. Also orally presented at IIFET 2012.**
107. *Markager, S., Lyngsgaard, M. M., Nielsen, J.R. and Richardson, K. 2013.* Eutrophication and fish production; A challenge for science and management in coastal systems. **Oral Presentation and Extended Abstract. Baltic Sea Science Conference, Klaipeda, Lithuania, 26-30 August 2013.**
108. *Vinther, M. and Nielsen, J.R. 2012.* Evaluations of Management Strategies for Norway pout in the North Sea and Skagerrak Report (NOP-MSE). **ICES CM 2012/ACOM:69. 37 pp.**
109. *Nielsen, J.R., Schmidt, J., Thunberg, E., and Bastardie, F.. 2012b.* Coupled Economic – Ecological Models for EBFM. **Session Convener Introduction Presentation and Extended Abstract. Session 507, Sixteenth**

- IIFET Biennial Conference of the International Institute of Fisheries Economics & Trade (IIFET), 16-20 July 2012, Dar-Es-Salaam Tanzania. In: ICES 2012 Report of SGIMM (Study Group on Integration of Economics, Stock Assessment and Fisheries Management); ICES CM 2012/SSGRSP:06**
110. *Bastardie, F., Nielsen J.R., and Miethe, T. 2012.* DISPLACE: A Dynamic Individual-based model for Spatial fishing planning and effort displacement – integrating underlying dynamic fish population models. **Abstract and Oral Presentation. Extended Abstract and Presentation at the Sixteenth Biennial Conference of the International Institute of Fisheries Economics & Trade (IIFET), July 16-20 2012, Dar-Es-Salaam Tanzania.**
  111. *Schmidt, J. and Nielsen, J.R., 2012.* Ecological – Economic Modelling. Introduction Presentation to World Fisheries Conference (WFC), Session 7A *Ecological – Economic Modelling*, Edinburgh, Scotland, May 2012. Oral Presentation and Extended Abstract. **In: WFC 2012 Book of Abstracts & ICES 2012 Report of SGIMM (Study Group on Integration of Economics, Stock Assessment and Fisheries Management), ICES CM 2012/SSGRSP:06**
  112. *Bastardie, F., Nielsen, J.R., Andersen, B.S., and Eigaard, O. 2012.* Transforming *anecdotal* knowledge into quantitative modelling: Danish fuel efficiency and fishing patterns linked to individual skipper’s decisions. **Oral Presentation and Extended Abstract, Session 7A Ecological – Economic Modelling, World Fishing Conference, Edinburgh May 2012; Book of Abstracts WFC 2012.**
  113. *Miethe, T., Bastardie, F., von Dorrien, C., and Nielsen, J.R. 2012.* Use of high resolution spatial analysis of effort and landings for supplementing impact assessment on Western Baltic fisheries. **Poster (and Extended Abstract), World Fishing Conference, Edinburgh, Scotland, May 2012.**
  114. *Bastardie, F., Vinther, M., and Nielsen, J.R. 2012.* Impact assessment (IA) of alternative HCRs to the current multiannual Baltic Sea plan on the bio-economy of fleets – coupling the SMS model to the FLR Baltic model. **Working Document, 36 pp. Appendix 3. In: Simmonds and Jardim (eds). 2012. Multi-Species Management Plans for the Baltic. EU-EWG-12-02 Rostock March 2012 STECF 12-06 Report, March 2012. Luxembourg: Publications Office of the European Union, 2012. ISSN 1831-9424 (print).**
  115. *J. Rasmus Nielsen, Francois Bastardie, Josefine Egekvist, Katharina Jantzen, Tiit Raid, Edgars Goldmanis, Krzysztof Radtke, Bent Pallisgaard, and Margit Eero. 2011.* Evaluation of Effort and TAC Quota Uptake and Capacity Use by Country as well as efficiency of effort measures according to fishing mortality and fishing power in the Western and Eastern Baltic Cod Fishery during 2005-2010 in relation to the multi-annual cod management plan. **Working Document, 70 pp. In: Simmonds et al. (eds). 2011. Report of the Sub Group on Impact Assessment of Baltic cod multi-annual plans. EU STECF EWG-11-07a. Hamburg (D), 20-24 June 2011. Luxembourg: Publications Office of the European Union, 2011. ISSN 1018-5593 (print). ICES WKROUND ACOM 2011/ACOM:55, 67 pp.**
  116. *Bastardie, F. and J. Rasmus Nielsen. 2011.* Stock-based and fleet-based evaluation of the multi-annual management plan for the cod stocks in the Baltic Sea with respect to cod stock mixing and TAC vs. effort regulation under different constraints and stock conditions. **Work. Doc., 40 pp. In: Simmonds et al. (eds). 2011. Report of the Sub Group on Impact Assessment of Baltic cod multi-annual plans. EU STECF EWG-11-07a. Hamburg (D), 20-24 June 2011. Luxembourg: Publications Office of the European Union, 2011. ISSN 1018-5593 (print).**
  117. *Bastardie, F., Nielsen, J.R., Andersen, B.S., and Eigaard, O. 2010.* Effect of fishing effort allocation scenarios on energy efficiency and profitability: An individual based model applied to Danish Fisheries. **Extended Abstract, Conference on Energy Use in Fisheries: Improving Efficiency and Technological Innovations from a Global Perspective, Seattle, Washington, USA, 14-17 Nov 2010..**
  118. *Bastardie, F., Nielsen, J.R., Ulrich, C., Egekvist, J., and Degel, H. 2010.* Detailed mapping of fishing effort and landings by coupling fishing logbooks with satellite-recorded vessel geo-localisation. **Poster and Extended Abstract, Conference on Making the Most of Fisheries Information - Underpinning Policy, Management and Science, Galway, Ireland, 23-26 Aug 2010.**
  119. *Bastardie, F., Nielsen, J.R., Andersen, B.S., and Eigaard, O. 2010.* Effect of fishing effort displacement scenarios on energy efficiency: an individual based model applied to the Danish Fisheries. **Poster and Extended Abstract, Conference on Climate Change Effects on Fish and Fisheries, Sendai, Japan 25-29 Apr 2010.**
  120. *Prellezo, R., P. Accadia, J. L. Andersen, B. Andersen, E. Buisman, A. Little, J. R. Nielsen, J.J. Poos, J. Powell, and C. Röckmann. 2010.* Existing bio-economic models review. **In: Proceedings of the Fifteenth Biennial Conference of the International Institute of Fisheries Economics & Trade, July 13-16, 2010, Montpellier, France: Economics of Fish Resources and Aquatic Ecosystems: Balancing Uses, Balancing Costs. Compiled by Ann L. Shriver. International Institute of Fisheries Economics & Trade, Corvallis, Oregon, USA, 2008. CD ROM. ISBN 0-9763432-6-6. <http://oregonstate.edu/dept/IIFET/publications.html>**

121. Eigaard, O. and Nielsen, J.R. 2009. Reduction of by-catch in a small meshed trawl fishery through gear developments facilitating ecosystem based fisheries management. **ICES C.M.2009/M:22, 18 pp.**
122. Ulrich, C., Wilson, D., Nielsen, J.R., and Reeves, S. 2009. Potentials and challenges in fleet- and metier-based approaches for fisheries management in the CFP. **ICES C.M. 2009/M:08, 23 pp.**
123. Nielsen, J.R. 2008. EFIMAS. Managing fisheries in a virtual environment in order to provide more reliable scientific advice to stakeholders. EU PROFET Policy Transnational Conference, North Sea Fisheries, Copenhagen 23-24 June 2008, **Compilation of Technical Leaflets, Ref. No. FF-ALL-Advice-01: pp 86-87.**
124. Nielsen, J.R. 2007. EFIMAS. Managing fisheries in a virtual environment in order to provide more reliable scientific advice to stakeholders. EU PROFET Policy Transnational Conference, Baltic Sea Fisheries, Vilnius, Lithuania 19-20 April 2007, **Compilation of Technical Leaflets, Ref. No. FF-ALL-Advice-01: pp 48-49.**
125. Nielsen, J.R., and Madsen, N. 2006. Gear technological approaches to reduce un-wanted by-catch in commercial Norway pout fishery in the North Sea. Working Document No. 23 to the 2006 meeting of the WGNSSK, 11 pp. **ICES C.M.2006/ACFM:35**
126. Degel, H., Nedreaas, K., and Nielsen, J.R. 2006. Summary of the results from the Danish-Norwegian fishing trials autumn 2005 exploring by-catch-levels in the small meshed industrial trawl fishery in the North Sea targeting Norway pout. Working Document No. 22 to the 2006 meeting of the WGNSSK, 13 pp. **ICES C.M.2006/ACFM:35**
127. Lundgren, B.\* and Nielsen, J.R.\* 2005. Direct spectral calibration of an experimental wideband echosounder. Procedures and Results. **ICES CM 2005 / U: 28. (\*Authorship equal).**
128. Lundgren, B.\* and Nielsen, J. R.\* 2004. Experiments for possible hydroacoustic discrimination of free-swimming juvenile gadoid fish by analysis of broadband pulse spectra as well as 3D fish position from video images and split beam acoustics. **ICES CM 2004/R:25. (\* Authorship equal).**
129. Nielsen, J. R.\*, and Lundgren, B.\* 2004. Hydroacoustic ex situ target strength measurements of free-swimming juvenile gadoids in relation to variations in 3D fish position and angular orientation obtained from synchronized video images. **ICES CM 2004/R:37. (\*Authorship equal).**
130. Nielsen, J. R., Sparre, P.J., Kell, L., Degnbol, P., Pascoe, S., Pastoors, M., Motos, L. and Horsten, M. 2004. EFIMAS – Operational Evaluation Tools for Fisheries Management Options. **Poster and Conference Proceedings. EU EUROCEAN Conference, May 2004, Galway, Ireland. EU, Brussels.**
131. Sparre, P.J., Ulrich-Rescan, C., Vermard, Y., Andersen, B.S., Hovgård, H., Munch-Petersen, S., and Nielsen, J.R. 2004. Suggestion for an “Evaluation Frame” for comparison of alternative management regimes. **Work. Document, 83 pp. EU EFIMAS Meetings (EU Contract no.: 502516, EU FP6 Prior8), Ijmuiden, Netherlands, November 2004.**
132. Sparre, P.J., S. Munch-Petersen and J. R. Nielsen. 2003. A bootstrapping method to evaluate research vessel survey indices for XSA-tuning, applied to Western Baltic Cod. **ICES CM 2003/X:02.**
133. Sparholt, H., L.I. Larsen and J.R. Nielsen. 2001. Verification of multispecies interactions in the North Sea by trawl survey data on Norway pout (*Trisopterus esmarkii*). **ICES CM 2001/J:38.**
134. Sparholt, H., L.I. Larsen and J.R. Nielsen. 2001. Non-predation natural mortality of Norway pout in the North Sea. **ICES CM 2001/J:39.**
135. Larsen, L., H. Lassen, J.R. Nielsen and H. Sparholt. 2000. Spatial distribution and maturity of Norway pout in the North Sea. **Work. Doc. ICES Working Group on the Assessment of Demersal Species in the North Sea and Skagerrak (ICES WGNSSK), October 2000: 19 pp.**
136. Sparholt, H., L. Larsen and J.R. Nielsen. 2000. Spawning mortality of Norway pout in the North Sea. **Work. Doc. ICES Working Group on the Assessment of Demersal Species in the North Sea and Skagerrak (ICES WGNSSK), October 2000: 15 pp.**
137. St. John, M.A., H. Mosegaard, H.-H. Hinrichsen, P. Grønkvær, F. Köster, K. Hüsey, and J.R. Nielsen. 2000. Baltic Cod: Resolving processes determining spatial and temporal windows of survival. **ICES CM 2000/N:27.**
138. Lundgren, B.\*, J.R. Nielsen\* and P. Faber\*. 2000. An experimental set-up for possible hydroacoustic discrimination of fish species by analysis of broadband pulse spectra combined with image processing. **Working Document, ICES FAST WG, Working Group on Fisheries Acoustics Science and Technology, Harlem, Holland 10 – 14 April 2000: 12 pp. \*Authorship equal.**
139. Lundgren, B. and Nielsen, J. R. 2000. An experimental set-up for hydroacoustic discrimination of fish species by analysis of broadband pulse spectra combined with image processing. **Poster and Abstract, 11. Danske Havforskermøde, Roskilde Universitetscenter, Roskilde, 26-28 Januar 2000. (Poster, 11. Danish Sea Researcher Meeting, Roskilde University, DK-Roskilde. Danish Council for Oceanology.).**
140. Daug, V.T., Tran, R., Nielsen, J.R. and Riget, F. 1999. Results of stratified random bottom trawl surveys carried out in Vietnamese waters (20-200 m) in 1996-1997. **Paper, Theme: “The Marine Biological Resources of the South China Sea at the Threshold of the next Millenium”, The Fourth International**

**Conference on the Marine Biology of the South China Sea, 19-22 Oct. 1999, Quezon City, Metro Manila, Philippines. 11 pp.**

141. Marchal, P., J.R. Nielsen, H. Hovgård, and H. Lassen. 1999. Time changes in fishing power in Baltic Sea cod fisheries. **ICES CM 1999/R:10.**
142. Poulsen, S.\*, Nielsen, J.R.\* and Holst, R.\* 1999. A longitudinal study of the selectivity parameters estimated from experimental gillnet catch data for herring (*Clupea harengus*). **Work. Doc. ICES FTFB Working Group, Symposium on Gillnet Selectivity, St. Johns, Canada, 19-22 April 1999: 8 pp. \*Authorship equal.**
143. Poulsen, S.\*, Nielsen, J.R.\*, Holst, R.\*, and Stæhr, K.-J.\* 1999. A herring size selection model for experimental gillnets used in the Sound (ICES Subdivision 23). **Work. Doc. ICES FTFB Working Group, Symposium on Gillnet Selectivity, St. Johns, Canada, 19-22 April 1999: 19 pp. \*Authorship equal.**
144. Poulsen, S.\*, Nielsen, J.R.\*, Holst, R.\*, and Stæhr, K.-J.\* 1998. A herring size selection model for experimental gillnets used in the Sound (ICES Subdivision 23). **ICES CM 1998/BB:10, 16 pp. \*Authorship equal.**
145. Nielsen, J.R., Lundgren, B., Stæhr, K.-J., Jensen, T.F., Pedersen, J., and Poulsen, S. 1998. Distribution, abundance and stock composition of herring (*Clupea harengus*) in the Sound (ICES Subdivision 23) during autumn, winter and spring periods from September 1993 to May 1998. **ICES CM 1998/AA:9, 44 pp.**
146. Lundgren, B., J.R. Nielsen, and H. Stokholm. 1998. Ex situ – måling af akustisk refleksionsevne på juvenile torsk. Presentation, 10. Danske Havforsker møde, Nordsøcentret, DK-Hirtshals, 21-23 Jan. 1998. **Abstract and Presentation, 10. Danish Sea Researcher Meeting, North Sea Center, DK-Hirtshals. Danish Council for Oceanology). (In Danish).**
147. Nielsen, J.R., Lundgren, B., and Lehmann, K.M. 1997. Describing distribution and density patterns of metamorphosed 0- and 1-group cod related to hydrographical conditions, physical frontal zones, and bottom topography using hydroacoustic and trawl sampling methods in the Central Baltic Sea. **ICES CM 1997/S:19, 37 pp.**
148. Nielsen, J.R.\*, B. Lundgren\*, and H. Stokholm\*. 1997. Ex-Situ TS measurements on juvenile cod (*Gadus morhua* L.). **ICES C.M. 1997/FF:02, 23 pp. \*Authorship equal.**
149. Nielsen, J.R., and Stæhr, K.-J. 1996. Do herring use the Sound as migration route? Poster and Extended Abstract, 9. Danske Havforsker møde, Danmarks Tekniske Universitet, Lyngby: 8 pp. **Poster and Extended Abstract, The 9. Danish Sea Researcher Meeting, Danish Technical University, DK-Lyngby. Danish Council for Oceanology. 8 pp.**
150. Nielsen, J.R. and K.M. Lehmann. 1996. Preliminary results on the distribution of metamorphosed 0-group cod in the central Baltic Sea within the AIR Baltic CORE Project. **ICES C.M. 1996/J:35, 18 pp.**
151. Lehmann, K.M\* and J.R. Nielsen\*. 1995. Acoustic identification of 0-group cod in the Baltic Sea. **ICES CM 1995/J:7, 15 pp. \*Authorship equal.**
152. Støttrup, J.G., J.R. Nielsen, C. Krog and K. Rasmussen 1994. Results on the extensive production of North Sea cod, *Gadus morhua* L., and their growth and distribution subsequent to release in the Limfjord, Denmark. **Int. Symp. Sea Ranching of Cod and other Marine Species, Arendal, Norway, 15-18 June 1994. Programme and Abstracts, Report IMR, Bergen, Norway, 1993.**
153. Nielsen, J.R. and M. Andersen. 1993. Feeding habits of Greenland cod, *Gadus ogac*, in the Nuuk area, West Greenland. **ICES CM 1993/G:32.**
154. Nielsen, J.R. 1992. Growth of Greenland cod, *Gadus ogac*, in the Nuuk area of West Greenland. **ICES CM 1992/G:32, 21 pp. + 7 pp. Appendix.**
155. Nielsen, J.R. 1990. Longline fishery for Greenland halibut in the Davis Strait, November 1989. **NAFO SCR Doc. 90/38.**

**Popular-Scientific publications:**

156. EFIMAS. 2008. EFIMAS Final Reporting at (and development of) the Homepage [www.efimas-project.org](http://www.efimas-project.org) and the EFIMAS Wiki <http://wiki.difres.dk/efimas>: **Main developer and rapporteur of both the extensive Homepage and DocuWiki.**
157. Nielsen, J.R., Andersen, S.E., Eliassen, S., Frost, H., Jørgensen, O.A., Krog, C., Kronbak, L.G., Mathiesen, C., Munch - Petersen, S., Sverdrup - Jensen, S., Vestergaard, N., and Reeh, L. 2008. **IMPSEL Steering Group. 2008. IMPSEL. Implementation of more selective and sustainable fisheries (IMPSEL). Technical University of Denmark, National Institute of Aquatic Resources. Popular Dissemination Folder and Policy Brief: 12 pp. <http://www.aqua.dtu.dk/www>. (Both an English and Danish version of the folder).**
158. Nielsen, J.R. 2005. EFIMAS. Evaluating Scientific advice and decision making processes in fisheries management systems. **European Service Network. EU Commission. [http://europa.eu.int/comm/research/fp6/ssp/efimas\\_en.htm](http://europa.eu.int/comm/research/fp6/ssp/efimas_en.htm)**



159. EFIMAS 2005. EFIMAS: Operational Evaluation Tools for Fisheries Management Options. **Flyer (Information Leaflet): 2 pages (also available in electronic form on the EFIMAS Project Web Site <http://www.efimas-project.org>).**
160. Nielsen, J.R.\* and Laursen, U.\*. 2004. Forskningsprojekt skal skaffe bedre fiskeriforvaltning i Europa. **Externt FORUM 46.** (External Week-letter, Ministry of Food, Agriculture and Fisheries, Denmark. [http://www.fvm.dk/nyheder\\_extern.asp?artikelid=3679](http://www.fvm.dk/nyheder_extern.asp?artikelid=3679). \*Authorship equal. Danish and English version).
161. Nielsen, J.R. 2001. Torskebestande i Østersøen har fået en standard. **Externt FORUM 18.** (External Week-letter, Ministry of Food, Agriculture and Fisheries, Denmark. [http://www.fvm.dk/nyheder\\_extern.asp?artikelid=](http://www.fvm.dk/nyheder_extern.asp?artikelid=) Both Danish and English version).

**Reports (official reports with ISBN/ISSN or Final EU Scientific Project Final Reports and Advisory Reports):**

162. Nielsen, J.R., Haslob, H., Mildenerger, T., and Kempf, A. 2018. Deliverable 5.1 Review of existing indicators and trigger values for bycatch species in each case study. **PROBYFISH Protecting bycaught species in mixed fisheries, EU Tender Lot1 CONTRACT NUMBER: EASME/EMFF/2017/022. Luxembourg: Publications Office of the European Union, 2018. EU Bookstore: 59 pp + Annex I+II Tables.**
163. J. Rasmus Nielsen, Francois Bastardie, Dorte Bekkevold, Lotte W. Clausen, Bastian Huwer, Karin Hüsey, Kirsten Birch Håkonsson, Niels Jepsen, Fritz W. Köster, Kasper K. Kristensen, Bo Lundgren, Marie Storr Paulsen, Claus Reedtz Sparrevojn, Karl-Johan Stæhr, Christian von Dorrien, Cornelius Hammer, Tomas Gröhsler, Paul Kotterba, Bente Limmer, Tanja Mieth, Matthias Paulsen, Patrick Polte, Hans-Harald Hinrichsen. 2019. Fehmarn Belt Fish and Fisheries Investigations. Final Project Report, October 2012 (2013 Update). Science Provision Project and Collaboration Agreement Between DTU Aqua, TI-OF (vTI-OF), and FEMERN BÆLT A/S. Deliverables D2, D3 (WP0), D5 (WP1), D8 (WP2), D10, D12, D14, D16 (WP3), D18, D20, D22, D24 (WP4), D26, D28, D30 (WP5). **DTU Aqua Report No. xxx-2019: 182 pp**
164. Poos, J.J., De Oliveira, J., Ulrich, C., Brunel, T., Schreiber Plet-Hansen, K., Mildenerger, T., Nielsen, J.R., Kokkalis, A., Minto, K., Pawlowski, L., Robert, M., Macher, C., Merzéréaud, M., Garcia, D., Ibaibarriaga, L., Bertignac, M., Vermard, Y., Fischer, S., Carpi, P., Walker, N., Earl, T., Davie, S., Haslob, H., Kempf, A., Taylor, M., Martin, P., Maynou, F., Recasens, L., Ramírez, J.G., Leonart, J., Garriga, M., Tserpes, G., Sgardeli, V., Coro, G., Scarcella, G., and Angelini, S. 2018. DRuMFISH study Approaches to Management for Data-Poor Stocks in Mixed Fisheries. **EU Tender Lot2 CONTRACT NUMBER: EASME/EMFF/2014/1.3.2.4/ SI2.721116. Luxembourg: Publications Office of the European Union, 2018. EU Bookstore: <https://publications.europa.eu/en/publication-detail/-/publication/690ce56f-f2c2-11e8-9982-01aa75ed71a1/language-en/format-PDF/source-81865252> (main report); <https://publications.europa.eu/en/publication-detail/-/publication/51bb9dce-f2c1-11e8-9982-01aa75ed71a1/language-en/format-PDF/source-search> (annexes). © European Union, 2018; EU Books**
165. Rijnsdorp, A. D., Eigaard, O. R., Kenny, A., Hiddink, J. G., Hamon, K., Piet, G. J., Sala, A., Nielsen, J. R., Polet, H., Laffargue, P., Zengin, M. & Gregersen, Ó. 2017. Assessing and mitigating of bottom trawling. **Final EU FP7 BENTHIS project Report (Benthic Ecosystem Fisheries Impact Study). 28 p. Publication: Research > Report.**
166. Korpinen S., Bastardie F., Denderen D.v., Hoppe K., Jonsson P., Kauppila P., Milardi M., Nielsen J.R., Nilsson H., Norén K., Nygård H., Sköld M., Valanko S., and Zettler, M. 2017. Estimating physical disturbance on seabed. **EU-HELCOM BalticBOOST Final Report WP 3.1 Deliverable 1: 44 pp.** <https://tinyurl.com/yvj3n9ov>
167. Korpinen S., Bastardie F., Denderen D.v., Hoppe K., Kauppila P., Milardi M., Nielsen J.R.5, Norén K., Nygård H., Sköld M., Valanko S., and Zettler M. 2017. Guidelines for setting environmental targets for benthic habitats. **EU-HELCOM BalticBOOST Final Report WP 3.1 Deliverable 2: 11 pp.** <https://tinyurl.com/ybnn7d69>
168. Bastardie F., Eigaard O.E., Nielsen J.R., Egekvist J., Hintzen N., Denderen D.v., and Rijnsdorp A. 2017. Fisheries Impact Evaluation Tool (FIT) with Application to Assess the Bottom Fishing Footprint in Western Baltic Sea (ICES Subdivisions 22-24). **EU-HELCOM BalticBOOST Final Report WP 3.2 Deliverable 1: 25 pp.** <https://tinyurl.com/yd3qnfz> ; <http://doi.org/10.5281/zenodo.883054>
169. Bastardie F., Denderen D.v., Dorrien C.v., Milardi, M., Nielsen J.R., Norén, K., Sköld M., Valenko S, Zweifel, U.L. 2017. Development of and use of the fisheries impact tool in BalticBOOST. **EU-HELCOM BalticBOOST Final Report WP 3.2 Deliverable 2: 5pp (+175 pp).** <https://tinyurl.com/y93yewfh>
170. Frandsen, R., Eliassen, S.Q., Lövgren, J., Søvik, G., Feekings, J.P., Ulmestrand, M., Lund, H., Andersen, B.S., Axelsen, B.E., Bastardie, F., Berg, C.W., Bichel, N., Furevik, D., Jacobsen, J.B., Johansen, T., Jonasdottir, S., Jonsson, P., Jørgensen, T., Karlsen, J.D., Kleiven, A.R., Løkkeborg, S., Lundgren, B., Madsen, N., Munch-

- Petersen, S. Nielsen, A., Nielsen, J.R., Reeh, L. and Westgaard, J.I. 2015. Sustainable development of the Nephrops fishery in the Kattegat-Skagerrak region. DTU Aqua Report No. 298-2015: 213 pp.*
171. *Nielsen, J.R., Ulrich, C., Hegland, T.J., de Voss, B., Thøgersen, T.T., Bastardie, F., Goti, L., Eigaard, O.R., Kindt-Larsen, L. 2013. Critical report of current fisheries management measures implemented for the North Sea mixed demersal fisheries. DTU Aqua Report No. 263-2013: 71 pp.*
172. *Hüssy, K., Bastardie, F., Eero, M., Hemmer-Hansen, J., Mosegaard, H., and Nielsen, J.R. 2013. Improved management based on stock identification of eastern and western Baltic cod. DTU Aqua Report No. 265-2013: 73 pp.*
173. *Nielsen, J. Rasmus, Francois Bastardie, Dorte Bekkevold, Lotte W. Clausen, Bastian Huwer, Karin Hüsey, Kirsten Birch Håkonsson, Niels Jepsen, Fritz W. Köster, Bo Lundgren, Marie Storr Paulsen, Claus Reedtz Sparrevojn, Karl-Johan Stæhr, Christian von Dorrien, Cornelius Hammer, Paul, Kotterba, Bente Limmer, Tanja Mieth, Matthias Paulsen, Tomas Grøhler. 2012c. Fehmarn Belt Fish and Fisheries Investigations: Final Report, Oct-Nov 2012. Deliverables D2, D3 (WP0), D5 (WP1), D8 (WP2), D10, D12, D14, D16 (WP3), D18, D20, D22, D24 (WP4), D26, D28, D30 (WP5). Final Report, Science Provision Project and Collaboration Agreement between DTU Aqua, vTI-OSF, and Femern Bælt A/S, Report DTU Aqua November 2012: 162 pp.*
174. *Nielsen, J.R., Kenny, A., Mackinson, S., Quesne, W., Raid, T., and Döring, R. 2012d. Section 5 Baltic Sea and Section 6 North Sea: p. 31-66. In: EU STECF, 2012. (Eds. D. Gascuel, R. Döring, A. Kenny, and J-N Druon). Development of the Ecosystem Approach to Fisheries Management (EAFM) in European seas. EU STECF-12-12-EWG-11-13 Report, Rennes, France 16-20 January 2012. Luxembourg: Publications Office of the European Union, 2012. ISSN 1831-9424 (print, 177 pp).*
175. *Nielsen, J.R., Shelton, P., and Schweigert, J. 2012e. ICES IBP Pout 2012: Report of the Inter Benchmark Protocol on Norway Pout in the North Sea March-April 2012. ICES CM 2012/ACOM:43, 157 pp.*
176. *J. Rasmus Nielsen, Francois Bastardie, Dorte Bekkevold, Lotte W. Clausen, Bastian Huwer, Karin Hüsey, Kirsten Birch Håkonsson, Niels Jepsen, Fritz W. Köster, Bo Lundgren, Marie Storr Paulsen, Claus Reedtz Sparrevojn, Karl-Johan Stæhr, Christian von Dorrien, Cornelius Hammer, Paul, Kotterba, Bente Limmer, Tanja Mieth, Matthias Paulsen, Tomas Grøhler. 2011. Fehmarn Belt Fish and Fisheries Investigations: Midterm Status Report, Feb-May 2011, Deliverables D3, D5, D7, D9, D11, D13, D15, D17, D19, D21, D23, D25, D27 and D29. Midterm Report, Science Provision Project and Collaboration Agreement between DTU Aqua, vTI-OSF, and Femern Bælt A/S, Report DTU Aqua May 2011 (478 pp).*
177. *D.J. Beare, N.T. Hintzen, Francois Bastardie, G.J. Piet, Clara Ulrich, Fabrizio Manco, Hans Gerritsen, Sebastian Demaneche, Stephanie Mahevas, Henrik Degel, Josefine Egekvist, Martial Laurans, Neil Campbell, Nicolas Deporte, J. Rasmus Nielsen, Stuart Reeves, Colm Lordan, Ryszard Grzebielec. 2011. Development of tools for logbook and VMS data analysis. Final EU Commission Study Report: Studies for carrying out the common fisheries policy, No MARE/2008/10 Lot 2. 95 pp.*
178. *Simmonds John, Nielsen J. Rasmus, Eero Margit, Zimmermann Christopher, Berkenhagen Jörg, and Motova Arina. 2010. Report of the Sub Group on Management Objectives and Strategies (EU STECF SGMOS-10-06). Report Part e) Evaluation of multi-annual plan for Baltic cod. EU STECF SGMOS-10-06 Report, Vigo (ESP), 18-22 October 2010. Luxembourg: Publications Office of the European Union, 2010. (Including 1 Working Document in Annex). ISSN 1018-5593 (print).*
179. *Prellezo, R., P. Accadia, J. L. Andersen, A. Little, J. R. Nielsen, C. Röckmann and J. Powell. 2009. Survey of existing bioeconomic models. Final Report to EU Commission under Contract FISH/2007/07 Lot5. Sukarieta: AZTI-Tecnalia. 276 pages.*
180. *Nielsen, J.R. (ed.). 2008. Final Consolidated EFIMAS Project Report (Month 48). Final and Consolidated Report of SSP8-CT-2003-502516 EFIMAS Project covering and summarising 20 special subject and task final reports under the project. Final Report to the EU Commission, December 2008: 112 pp. [www.efimas-project.org](http://www.efimas-project.org)*
181. *Nielsen, J.R., Andersen, S.E., Eliassen, S., Frost, H., Jørgensen, O.A., Krog, C., Kronbak, L.G., Mathiesen, C., Munch - Petersen, S., Sverdrup - Jensen, S., og Vestergaard, N. 2008. Implementering af mere selektive og skånsomme fiskerier – Konklusioner, anbefalinger og perspektivering. IMPSEL AP3 Project Report. DTU Aqua Report 177-08: 52 pp. ISBN 978-87-7481-052-0. (In Danish).*
182. *Eliassen, E., Mathiesen, C., Andersen, S.E., Boom, J.-T., Frost, H., Hoff, A., Hovgård, H., Jørgensen, O.A., Krog, C., Nielsen, J.R., Nordberg, E., og Vestergaard, N. 2008. Implementering af mere selektive og skånsomme fiskerier: Begreber og internationale erfaringer. IMPSEL API Project Report. University of Copenhagen, Institute of Food and Resource Economics Report no. 195: 143 pp. ISBN 978-87-92087-47-8. (In Danish).*
183. *Kronbak, L.G., Andersen, S.E., Boom, J.-T., Eliassen, S., Frost, H., Hoff, A., Jørgensen, O.A., Krog, C., Mathiesen, C., Nielsen, J.R., Munch-Petersen, S., Sverdrup-Jensen, S., og Vestergaard, N. 2007. Konsekvenser*

- for ressource, fiskere og samfund. IMPSEL AP2 Project Report. **University of Southern Denmark IME Report 11/07: 171 pp. ISSN 1399-3232.** (In Danish).
184. *Per J. Sparre*<sup>a)</sup>, *Holger Hovgaard*<sup>a)</sup>, *Clara Ulrich-Rescan*<sup>a)</sup>, *J. Rasmus Nielsen*<sup>a)</sup>, *Sten Munch-Petersen*<sup>a)</sup>, *Bo Sølgaard Andersen*<sup>a)</sup>, *Mariana Horsten*<sup>a)</sup>, *Ole Ritzau Eigaard*<sup>a)</sup>, *Youen Vermard*<sup>a)</sup>, *Niels Madsen*<sup>b)</sup>, *Bent Herrmann*<sup>b)</sup>, *Jesper Raakjær Nielsen*<sup>c)</sup>, *Poul Degnbol*<sup>c)</sup>, *Anne-Sofie Christensen*<sup>c)</sup>, *Christoph Mathiesen*<sup>c)</sup>, 2007. **Slutrapport TEMAS. Technical measures – Development of evaluation model and application in Danish fisheries). Rapport til Ministeriet for Fødevarer, Landbrug og Fiskeri.** (In Danish).
  185. *Nielsen, J.R.* 2007 (ed). Report of the Ad Hoc Group on Real Time Management and Harvest Control Rules for Norway Pout in the North Sea and Skagerak (AGNOP). **ICES AGNOP Report 2007 ICES CM 2007/ACFM:39. (Chair: J. R. Nielsen, DIFRES).**
  186. *Anon.* 2007. Dansk Industrifiskeri. En Flerårig Strategi. **Rapport til Fødevareministeren. Fødevareministeriet Sep. 2007: 27 pp. + Annex Report.** (In Danish).
  187. *Anon.* 2007. EASE Final Consolidated Project Reports. EU FP5 EASE Concerted Action 2004-2007. **Report European Commission Directorate-General Fisheries.**
  188. *Danish Ministry of Food, Agriculture and Fisheries*, 2006. Report of discard in the Danish Fishery. (By the expert group Dalskov, J., Fischer, K.S., Løkkegaard, J., Madsen, A., Madsen, N., Nielsen, J.R., and Pallisgaard, B.). **Ministerial Working Report. Danish Ministry of Food, Agriculture and Fisheries, Copenhagen, March 2006.**
  189. *Øresundskonsortiet A/S*, 2005. Öresundsförbindelsens inverkan på fisk og fiske. Underlagsrapport 1992-2005. Fiskeriverket, Göteborg, Sweden, March 2005: 224 pp.
  190. *Beare, D., Castro, J., Cotter, J., Keeken, O. v., Kell, L., Laurec, A., Mahé, J-C, Moura, O., Munch-Petersen, S., Nielsen, J.R., Piet, G., Simmonds, J., Skagen, D., and Sparre, P.J.* 2003. Evaluation of research surveys in relation to management advice. **EU EVARES Project FISH/2001/02 Lot 1. Final and Consolidated EU Report, European Commission Directorate-General Fisheries.**
  191. *Nielsen, J.R., Hansen, U.J., Ernst, P., Oberst, R., Rehme, W., Larsson, P.-O., Aro, E., Feldman, V., Karpouchevski, I., Gasyukov, P., Netzel, J., Järvik, A., Raid, T., Sics, I., and Plics, M.* 2001c. ISDBITS: Improvement of stock assessment and data collection by continuation, standardisation and design improvement of the Baltic International Bottom Trawl Surveys for fishery resource management. **Final and Consolidated EU Report of the EU Study Project No. 98/099 ISDBITS, 2001: 143 pp + VI + 10 Annexes (349 pp.).**
  192. *Anonymous* 2000. Indsatsforvaltning med henblik på anvendelse i dansk fiskeri. Report to Seminar February 10, 2000, Hotel Ebeltoft Strand, Ebeltoft, Denmark. Rapport ved Projektgruppen: DFU, IFM, SJFI, SDU. **Report, Danish Institute for Fisheries Research: 32 pp.** (In Danish).
  193. *Hovgård, H., Nielsen, J.R., and Marchal, P.* 2000. Standardisering og beskrivelse af sammenhængen imellem fiskeriindsats og fiskeridødelighed for de danske demersale fiskerier i Kattegat. **DFU-Report No. 86-00: 86 pp. ISBN 87-90968-03-04.** (In Danish).
  194. *Marchal, P.\*, Nielsen, J.R.\*, and Hovgård, H.\** 2000. Standardisering og beskrivelse af sammenhængen imellem fiskeriindsats og fiskeridødelighed for det danske industrifiskeri i Nordsøen. **DFU-Report No. 85-00: 70 pp. ISBN 87-90968-01-8. \* Authorship equal.** (In Danish).
  195. *Nielsen, J. R.* 2000. Standardisering og beskrivelse af sammenhængen imellem fiskeriindsats og fiskeridødelighed for det danske torskefiskeri i Østersøen. **DFU-Report No. 84-00: 100 pp. ISBN 87-88047-99-7.** (In Danish).
  196. *Nielsen, J.R., B. Lundgren, T.F. Jensen and K.J. Stæhr.* 1999. Acoustic monitoring of herring in the Sound. Final Report 1993-98. **DFU-Report No. 67-99: 162 pp. ISBN 87-88047-57-1.**
  197. *Støttrup, J.G., Lehmann, K.M., Nielsen, J.R., Pedersen, C., Iglesias, J., Rodriguez, G., Howell, B., Ellis, T., Gidson, R., Langsdale, J., Batty, R.S., Burrows, M.T., Krog, C., Modin, J., and Hughes, R.* 1998. Evaluation of stock enhancement of marine flatfish. **EU AIR2-CT94-1732 Programme, Final and Consolidated Report, EU Commission DGXIV: 59 pp.**
  198. *ALMRV* 1998. Assessment of the Living Marine Resources in Vietnam, ALMRV Phase I, Government of Vietnam and DANIDA Project in Vietnam. **Final Summary Report, ALMRV Phase I, Government of Vietnam and DANIDA: 432 pp,** (Summary of more than 3600 Technical Project Report pages published in a long row of ALMRV Project Reports, of which all were written by 4 authors in shared authorship).
  199. *Anonymous* 1998. Mechanisms influencing long term trends in reproductive success and recruitment of Baltic cod: Implication for fisheries management. **EU AIR2-CT94-1226 CORE Program Final Report, EU Commission DGXIV, I-III: 1-504, 1-526, 1-172.**
  200. *Støttrup, J.G., H. Nicolajsen, J.R. Nielsen, H. Paulsen, K.M. Lehmann and C. Pedersen.* 1996. Status – 1995 Marin Fiskepleje. **Report from DFU (DIFRES), January 1995: 31 pp.** (In Danish).

201. *Nielsen, J.R. 1996.* Acoustic monitoring of herring related to the establishment of a fixed link across the Sound between Copenhagen and Malmö. Final Report January-February 1996. Danish Institute for Fisheries Research. **DFU-Report No. 11-96. 93 pp. ISBN 87-88047-15-6.**
202. *Nielsen, J.R. 1995.* Acoustic monitoring of herring migration in relation to the establishment of a fixed link across the Sound between Denmark and Sweden. **Internal DFU (DIFRES) Report, Data Report to "A/S Øresundskonsortiet" Denmark-Sweden: 25 pp.**
203. *Nielsen, J.R. 1995.* Det danske fiskeri i Øresund – erhvervsfiskeri og rekreativt fiskeri. In: Andreasson, S. (ed.). Fisket i Øresund. Om Fiskets Utveklingsmuligheder for næringsliv, fritid, kultur och miljø. **Report from Conference in Malmö April 1995. Øresundskomiteen, Länsstyrelsen i Malmöhus Län, Frederiksborg Amt: 22 pp of 75 pp.** (In Danish).
204. *Nielsen, J.R. 1994.* Report of comparative trawling between DANA and commercial fishing vessels in the Baltic Sea March 1994. **Internal DFU (DIFRES) Report to Danish Ministry of Fisheries, 22 pp.** (In Danish).
205. *Nielsen, J.R. 1994.* Survey of the fisheries biology of green sea urchins related to commercial exploitation in Greenland. **Final Scientific Consultancy Report to the Greenland Fisheries Research Institute and the Greenland Home Rule July 1994: 75 pp.** (In Danish).
206. *Nielsen, J.R. 1994.* An analysis of the Danish fishery in the Sound. Analysis of landing and effort data from Danish professional and recreational fishery in the Sound during the period 1987-1993. Final Report. **DFH-Report No. 478/1994: 158 pp. ISSN 0109-4432.**
207. *Nielsen, J.R. 1994.* Research Vessels and Borders. Research Activities in and Admittance to Marine Waters Subjugated the Jurisdiction of other Nordic Nations. **TemaNord: 1994:524, 107 pp. ISBN 92 9120 434 x, ISSN 0908-6692.** (In English and Danish).
208. *Nielsen, J.R. 1994.* Shared Nordic Stocks. Part II: Marine Mammals. Catalogue of principal exploited and potential marine resources of shared Nordic stocks. Distribution - Stock Structures - Fishery - Biological Advising - Management. **TemaNord 1994:520, 81 pp. + 5 pp., ISBN 92 9120 429-3.**
209. *Nielsen, J.R. 1994.* Shared Nordic Stocks. Part I: Marine Fish and Shellfish. Catalogue of principal exploited and potential marine resources of shared Nordic stocks. Distribution - Stock Structures - Fishery - Biological Advising - Management. **TemaNord 1994:519, 258 pp. + 5 pp, ISBN 92 9120 428-5.**
210. *Nielsen, J.R. and H. Lassen. 1993.* Management of the Fisheries Resources in Skagerrak and Kattegat. **NSA 1993:550, 220 pp., ISBN 92 9120 228 2, ISSN 0906-3668.** (In Danish).
211. *Nielsen, J.R. 1993.* Greenland halibut at East Greenland: Experimental fishing for Greenland halibut performed as ice-fishing with longlines from dog-sledges in East Greenland during the winters 1991 / 1992. Fisheries Investigations in Greenland. **Report to the Greenland Home Rule, February 1993: 30 pp. ISBN 87-87838-97-4.** (In Danish; summary in Greenlandic).
212. *Nielsen, J.R. and Morin, R. 1993.* Bibliography of Greenland cod, *Gadus ogac*, Richardson 1780-1992. **Canadian Manuscript Report of Fisheries and Aquatic Science No. 2191: I-III, 1-28.**
213. *Nielsen, J.R. 1992.* Establishment and development of key environmental and key biological criteria used in biological advising related to release of marine fish fry for stock enhancement and stock recovery purposes. **DFH-Report No. 441/1992: 20 pp. ISBN 0109-4432.** (In Danish).
214. *Nielsen, J.R. 1992.* Assessment of localities for release of turbot - Skagerrak coast north of Thyborøn. **DFH-Report No. 439/1992: 15 pp. ISBN 0109-4432.** (In Danish).
215. *Nielsen, J.R. 1992.* Assessment of localities for release of plaice - Langeland Sound, Omø Tofte and the Sea of southern Fyn 1992. **DFH-Report No. 438/1992: 34 pp. ISBN 0109-4432.** (In Danish).
216. *Nielsen, J.R. and H. Nicolajsen. 1992.* State of affairs for the Marine Fish Stock Enhancement Activities. Internal DFH (DIFMAR) **Report to the Danish Ministry of Fisheries, 1. July 1992.** (In Danish).
217. *Nielsen, J.R. 1992.* The biology of Greenland cod, *Gadus ogac* (Richardson). Fisheries Investigations in Greenland. **Report to the Greenland Home Rule, March 1992: 119 pp. ISBN 87-87838-93-1.** (In Danish; summary in Greenlandic).
218. *Nielsen, J.R. 1990.* Research fishery for Greenland halibut with the autoliner-vessel "Vestfart" in the Davis Strait, November 1989. Fisheries Investigations in Greenland. **Report to the Greenland Home Rule, May 1990: 25 pp. ISBN 87-87838-85-0.** (In Danish; summary in Greenlandic).
219. *Nielsen, J.R. 1991.* Gillnet survey for young cod in West Greenland, July 1991. **Internal Report, Fish Department, Greenland Fisheries Research Institute, 3: 16 pp.** (In Danish).