

# CV – Erlend Moksness

<p><b>Present working position:</b></p> <p><b>Independent Professional</b> BlueGrowth&amp;MarineServices; <a href="http://www.bg-ms.com">www.bg-ms.com</a> (Since 2018). working among others with:</p> <ul style="list-style-type: none"><li>- GCE NODE (<a href="http://www.gcenode.no">www.gcenode.no</a>)</li><li>- The Norwegian Fishermen's Association (<a href="http://www.fiskarlaget.no">www.fiskarlaget.no</a>)</li><li>- Eco-Trawl (<a href="http://www.ecotrawl.no">www.ecotrawl.no</a>)</li></ul> <p>Member of the Steering Board for "Blått Kompetansesenter Sør" (BKS); (<a href="http://www.bkomp.no">www.bkomp.no</a>) (2021-)</p> <p><b>Previous working positions:</b></p> <p><b>Research Director</b> at the Institute of Marine Research (2013 –2017).</p> <p><b>Regional Research Director</b> at the Institute of Marine Research (2007 –2013)</p> <p><b>Research Director</b> at the Institute of Marine Research (2007). Area of responsibility: Strategy</p> <p><b>Research Director</b> at the Institute of Marine Research (2002-2007). Area of responsibility: Management Advice and Research on Coastal Zone Ecosystem</p> <p><b>Head of Section</b> at the Institute of Marine Research, Flødevigen Marine Research Station, Arendal (1998-2002).</p> <p><b>Program leader</b> for the research program "Reproduction and recruitment" (1992-1996)</p> <p><b>Head of computers</b> at the Institute of Marine Research, Flødevigen Marine Research Station (1985-1995).</p> <p><b>Scientist</b> at the Institute of Marine Research (1977-1998).</p>	<p><b>Previous working positions</b></p> <p><b>Chairman</b> for Norwegian Fishery Forum (2007 - 2017).</p> <p><b>Professor</b> in Aquaculture at Norwegian School of Veterinary Science, Oslo (1992-2005).</p> <p><b>Editorial Board member of:</b> Fishery Research (2000-2015)</p> <p>Member of <b>BiodivERsA Advisory Board</b> (2016-20)</p> <p><b>Representing Institute of Marine Research in:</b></p> <ul style="list-style-type: none"><li>- European Marine Board (EMB) (2006-2017)</li><li>- EMB vice-Chair ExCom (2014-2017)</li><li>- Partnership for Observation of the Global Oceans (POGO) (2013-2017)</li><li>- Member of Finance Committee of POGO (2015-2017)</li><li>- POGO ExCom (2017)</li><li>- European Polar Board (EPB) (2016-2017)</li><li>- Member of program committee of MAREANO (The Norwegian mapping program) (2013-2017)</li><li>- Board of Centre of Coastal Research (CCR), University of Agder</li><li>- NRC (Norwegian Research Council)</li><li>- reference group for Horisont 2020</li><li>- Norwegian Blue Forests Network</li></ul> <p><b>Others:</b> Meddommer (lay judge) Agder Lagmansrett (2004-2016)</p>
<p><b>Education</b></p> <p><b>Cand. real.</b>, Institute of Fishery Biology, University of Bergen, Norway. October 1978. Thesis: "Enclosure studies of the prey, growth and mortality of cod-larvae in a mesocosms", 73 pp. (in Norwegian)</p> <p><b>Driftsøkonom</b>, Education in economics at the NKS (Norsk korrespondanse skole) 1982-1984.</p> <p><b>Dr. philos.</b>, Department of Fisheries and Marine Biology, University of Bergen, Norway. June 1992. Thesis: "Otolith microstructure: a new method in recruitment and management studies with herring (<i>Clupea harengus</i> spp.)", 106 pp.</p>	<p><b>Address</b></p> <p>Stensåsveien 34 4846 Arendal Norway</p> <p>Mobil Phone: +47 90573625 E-mail: <a href="mailto:erlend.moksness@gmail.com">erlend.moksness@gmail.com</a> Skype: emoksness</p> <p><b>Personal data</b></p> <p>Born: 2. May 1950 in Kvedfjord, Troms County, Norway</p> <p>Civil status: Single, three kids (born 1980, 1985 and 1990).</p>

## Short resume

My background is in:

- recruitment processes in marine fishes,
- fish ageing, stock enhancement of marine fishes,
- integrated ESE (Ecosystem, Social and Economic) modeling,
- Surplus Production Modeling,
- MPA (Marine Protected Area) and
- aquaculture of marine fishes.

In the period 1992 – 2005 I hold the position as Professor in Aquaculture at Norwegian School of Veterinary Science, Oslo. I have published 104 peer reviewed scientific articles (12 as single author and 16 as first author) and co-editor of 13 proceedings and scientific books, including a text book on cultivation of cold-water marine fishes. I have been convener or on steering committees of several International Symposiums. In addition, I have hold position as Program leader for four years, Section head for five years and Research Director for eleven years at the Institute of Marine Research.

Since 1998 working as Section head and Research Director at the Institute of Marine Research (IMR) in Norway. In my period as a Research Director I have established the IMR Advice and Research Program on Coastal Zone Ecosystem. I have played an active role in establishing a WG within ICES on coastal zone issues (ICES WG on Integrated Coastal Zone Management; WGICZM; established in 2005). In addition, I have been responsible for the research cooperation with Europe, North-America (USA and Canada) and countries in Latin-America. I represented the institute in the European Marine Board (EMB), European Polar Board (EPB) and Partnership for Observation of the Global Oceans (POGO). Since 2016 member of BiodivERsA Advisory Board.

## Table of Content

	<b>Page</b>
<b>Awards</b> .....	3
<b>Editor of Books</b> .....	3
<b>Member of Editorial board</b> .....	3
<b>Convener of International Symposiums</b> .....	3
<b>Member of steering committees for International Symposiums</b> .....	3
<b>Coordinator for other meetings</b> .....	4
<b>Member of ICES working groups</b> .....	4
<b>Coordinator of EU-projects</b> .....	5
<b>10 most recent publications</b> .....	5
<b>International Publications</b> .....	6
<b>International reports</b> .....	12
<b>Norwegian reports</b> .....	16
<b>Popular article</b> .....	18
<b>Lectures</b> .....	18

### **Awards**

- EFAN Special Award 2000. For excellence in leadership and generosity to all.
- ICES Service Award 2007. As convener of the International Symposium on Integrated Coastal Zone Management, held in Arendal, Norway, June 2007
- PICES “Certificate of Recognition 2009. For best presentation on “Major human activities affecting Norwegian coastal marine ecosystems: Present status and challenges”
- Special Award at the 5<sup>th</sup> International Otolith Symposium, Mallorca, October 2014 for “Vision and support for European Otolith Networking”

### **Editor of Books**

- The Propagation of Cod *Gadus morhua* L. E. Dahl, D.S. Danielssen, E. Moksness and P. Solemdal (Eds.). ISSN 0333-2594, Flødevigen rapportser. 888 s.
- An International Symposium on Sea Ranching of cod and other Marine Fish Species. D.S. Danielssen, B.R. Howell and E. Moksness. Aquaculture and Fisheries Management, 25, 1994, Supplement 1. 264 s.
- Computers in Fisheries Research. B. Megrey and E. Moksness. Chapman & Hall, 1996. 254 pp. ISBN 0 412 59550 8.
- Stock Enhancement and Sea ranching. B.R. Howell, E. Moksness and T. Svåsand (Editors). Blackwell Ltd. 1999. 606 pp. ISBN 0-85238-246-4
- Recent Development in Fish Otolith Research. P. Fossum, J. Kalish and E. Moksness (Editors). Fisheries Research. 46, 2000. 371 pp (Special issue)
- Visualization of Spatial Data. B.A. Megrey and E. Moksness (Editors) 2002. ICES Journal of Marine Science, 59: 150-235.
- Culture of cold-water Marine Fish. Editors: E. Moksness, E. Kjørsvik and Y. Olsen. Publisher: Blackwell Scientific Publications Ltd, UK, 2004. ISBN 0-85238-276-6. 528 pp.
- Computers in Fisheries Research, Second edition. B. Megrey and E. Moksness (Eds.). Springer, 2009. ISBN 978-1-4020-8635-9. 421 pp.
- Fish Reproductive Biology; implications for Assessment and Management. T. Jakobsen, M. Fogarty, B. Megrey and E. Moksness (Eds.). Wiley-Blackwell Ltd. 2009. ISBN 978-1-4051-2126-2. 430 pp.
- Integrated Coastal Zone Management. E. Moksness, E. Dahl and J. Støttrup (Eds.). Wiley-Blackwell Ltd. 2009. ISBN 978-1-4051-3950-2.
- Comparative marine ecosystem structure and function: descriptors and characteristics Editors: B. A. Megrey, J. S. Link and E. Moksness. Progress in Oceanography 81. 2009
- Comparative analysis of marine fisheries production, 2012. Link, J., A. Bundy, T. Miller, E. Moksness and K. Stergiou (Eds). Marine Ecology Progress Series, 459, 157-302.
- Global Challenges in Integrated Coastal Zone Management. E. Moksness, E. Dahl and J. Støttrup (Eds.). Wiley-Blackwell Ltd. 2013. ISBN 978-0-470-65756-0
- Fish Reproductive Biology; implications for Assessment and Management, 2<sup>nd</sup> Edition. T. Jakobsen, M. Fogarty, B. Megrey and E. Moksness (Eds.). Wiley-Blackwell Ltd. 2016. ISBN 978-1-118-75274-6. 488 pp.

### **Member of Editorial board**

- Flødevigen Rapportserie, 1984 - 1992.
- Fisheries Research, Elsevier. Member of Editorial Advisory Board (since 2000-2015).

### **Convener for International Symposiums**

- The Propagation of Cod *Gadus morhua* L., Arendal, 14.-17. June 1983.
- The Sea ranging of Cod and other marine fish species, Arendal, 15.-18. juni 1993.
- European Fish Ageing Network, Ghent, Belgium, 11-13 Januar 1996.
- The First International Symposium on Stock Enhancement and Sea ranching. Bergen, Norway, 8 - 11 September 1997.
- The Second International Symposium Fish otolith research and application. Bergen, Norway, 20 - 25 June 1998.
- International Symposium on Integrated Coastal Zone Management, Arendal, Norway, 11 – 14 June 2007
- International Workshop on Exploring the Role of MPAs in Reconciling Fisheries Management with Conservation Bergen, Norway, 29 – 31 March 2011
- International Symposium on Integrated Coastal Zone Management, Arendal, Norway, 3 – 7 July 2011
- The 47<sup>th</sup> European Marine Biology Symposium, Arendal, Norway, 3-7 September 2012.
- 4<sup>th</sup> Meeting of Scientific Experts on Fish Stocks in the Central Arctic Ocean, Tromsø, Norway, 26-28 September 2016
- 4<sup>th</sup> International Symposium on Integrated Coastal Zone Management, Arendal, Norway, 2 – 5 July 2018

### **Member of steering committees of International Symposiums**

- International Herring Symposium, Anchorage, Alaska, USA, 23-25 October 1990.
- World Fisheries Congress, in Athens, Greece, 3-8 May 1992. American Fishery Society (ASF).
- New directions in otolith research and application, Hilton Head, South Carolina, USA, February 1993.
- International Symposium on the Role of forage fishes in marine ecosystems, Anchorage, Alaska, USA, 13-15 November 1996.
- Special Session on Fisheries and Aquaculture Interactions at World Aquaculture Society meeting in Nice, France, 2-6 May 2000.
- 1<sup>ST</sup> MARICULT CONFERENCE: Exploitation of living marine resources for the new millennium - Bridging potentials and environmental constraints. Trondheim, 26-28 June 2000.
- 3<sup>rd</sup> World Fisheries Congress, in Beijing, China, 31 October - 3 November 2000.
- The Second International Symposium on Stock Enhancement and Sea Ranching in Kobe city, Japan on January 28-February 1, 2002.
- 4<sup>th</sup> World Fisheries Congress, in Vancouver, Canada, 2 – 6 May 2004.
- The Third International Symposium Fish otolith research and application. Townsville, Australia, 12 - 16 July 2004.
- The Third International Symposium on Stock Enhancement and Sea Ranching in Seattle, USA, 18 – 22 September 2006.
- The 4th International Symposium Fish otolith research and application. Monterey, California, USA, 24-28 August 2009.
- The 5th International Symposium Fish otolith research and application. Mallorca, Spain, 24-28 October 2014.

### **Convener of other meetings**

- Chair for a national (Norway) meeting on culturing of wolffish. Arendal, 13-15 June 1990.
- Coordinator for the International Calibration of Daily Increments in Otoliths of Fishes. 1989-90, for ICES Working Group on Larval Fish Ecology (Biological Oceanography Committee).
- Co-Chair for the ICES otolith microstructure workshop. Arendal, Norway, 26-28 November 1991.
- Co-Chair for the Computer workshop during the "World Fisheries Congress", i Athens, Greece, 3-8 May 1992.
- Chair at the SARP workshop on the Clupeoids otolith microstructure. Fuengirola, Spain, 29 June - 1 July 1992.
- Convener for annual meetings in the research program «Reproduction and recruitment» (1992-1996), Institute of Marine Research.
- Convener for ICES Workshop on sandeel otolith analysis. Arendal, Norway, 28 August - 1 September 1995.

### **Member of ICES working groups:**

- Herring Assessment for the area south of 62°N
- Mass rearing of juvenile marine fish
- Recruitment Processes
- Herring larvae surveys south of 62°N
- Integrated Coastal Zone Management

### **Coordinator for the following EU-projects**

- Precision and Accuracy of tools in Recruitment Studies (PARS), 1997 – 2000. Research project that included 16 scientists from 6 partners (different Universities and research Institutes) from 5 European countries.
- European Fish Ageing Network (EFAN), 1997 – 2000. Concerted Action (CA) that included 120 scientists from 36 partners (different Universities and research Institutes) from 16 European countries.
- Towards Accreditation and Certification of Age Determination of Aquatic Resources (TACADAR), 2002 - 2006. Concerted Action (CA) that included 38 scientists from 28 partners (different Universities and research Institutes) from 16 European countries.

### **10 most recent publications**

- Moksness, E., Appelberg, M., Hammer, C., Morales Nin, B. and Wright, P. J. 2022. What is left, what was achieved? A time perspective of a pioneer European experience: 20 years after the European Fish Ageing Network. *Journal of Fish Biology* (In prep).
- Suthers, I. M., Reid, D. D., Moksness, E., and Schilling, H. T. 2020. Novel fisheries investigations by Harald Dannevig: some parallels with Johan Hjort on the other side of the world. *ICES Journal of Marine Science*, fsaa001, <https://doi.org/10.1093/icesjms/fsaa001>.
- McDermott, S.F., L. Buhl-Mortensen, G. Dahle, D. Hart, A. C. Haynie, T. Johannessen, E. Moksness, E. Moland, E. Olsen, J. V. Olson, P. D. Spencer, and W. Stockhausen (Accepted). Lessons on Marine Protected Area Management in Northern Boreal Regions from the United States and Norway. *Marine Fisheries Review*.
- Sandersen, H.T., E. Mikkelsen, E. Moksness and J. H. Vølstaad 2013. Knowledge issues in ICZM and EBM applied on small geographic scales: Lessons from a case study in Risør, Norway. In: Moksness, E., Dahl, E. and Støttrup, J. (Eds.) *Global Challenges*

- in Integrated Coastal Zone Management*. Wiley-Blackwell Ltd. 2013. ISBN 978-0-470-65756-0; 127-144.
- Rice, J., E. Moksness, C. Attwood, S.K. Brown, G. Dahle, K. M. Gjerde, E. S. Grefsrud, R. Kenchington, A. Ring Kleiven, P. McConney, M. A. K. Ngoile, T. F. Næsje, E. Olsen, E. Moland Olsen, J. Sanders, C. Sharma, O. Vestergaard and L. Westlund 2012. The role of MPAs in reconciling fisheries management with conservation. *Ocean and Coastal Management*, 69: 217-230.
- Gaichas, S.K., A. Bundy, T. J. Miller, E. Moksness and K. I. Stergiou 2012. What Drives Marine Fisheries Production? *Marine Ecology Progress Series*, 459, 159-163
- Link, J.S., S. Gaichas, T. J. Miller, T. Essington, A. Bundy, J. Boldt, K. F. Drinkwater and E. Moksness 2012. Synthesizing lessons learned from comparing fisheries production in 13 northern hemisphere ecosystems: emergent fundamental features Erlend Moksness. *Marine Ecology Progress Series* 459, 293-302.
- Moksness, E., J. Link, K. Drinkwater and S. Gaichas 2012. Bernard Megrey: pioneer of Comparative Marine Ecosystem analyses. *Marine Ecology Progress Series* 459, 165-167.
- Moksness, E, J. Gjøsæter, G. Lagaille, E. Mikkelsen, E. Moland Olsen, H. T. Sandersen and J. H. Vølstad 2011. Effects of fishing tourism in a coastal municipality – a case study from Risør, Norway. *Ecology and Society* 16 (3):11. [online] URL: <http://www.ecologyandsociety.org/vol16/iss3/art11/>
- Jason S. Link, Bernard A. Megrey, Thomas J. Miller, Tim Essington, Jennifer Boldt, Alida Bundy, Erlend Moksness, Ken F. Drinkwater and R. Ian Perry 2010. Comparative analysis of marine ecosystems: international production modelling workshop. *Biol. Lett.* doi:10.1098/rsbl.2010.0526
- Paulsen, H., O. S. Kjesbu, V. Buehler, R. A. J. Case, C. Clemmesen, G. Carvalho, L. Hauser, W. F. Hutchinson, E. Moksness, H. Otter, A. Thorsen and T. Svåsand 2009. Effects of egg size, parental origin and feeding conditions on growth of larval and juvenile cod *Gadus morhua*. *Journal of Fish Biology* (2009) 75, 516–537
- Megrey, B. A., J. S. Link, G. Hunt and E. Moksness 2009. Comparative marine ecosystem structure and function: descriptors and characteristics – A synthesis. *Progress in Oceanography*, 81: 2-9

### **International Publications**

- Appelberg, M., N. Formigo, A. J. Geffen, C. Hammer, W. McCurdy, J. Modin, E. Moksness, H. Mosegaard, B. Morales-Nin, H. Troadec and P. Wright. 2005. A cooperative effort to exchange age reading experience and protocols between European fish institutes. *Fisheries Research* 76, 167-173.
- Belchier, M, C. Clemmesen, D. Cortes, T. Doan, A. Folkvord, A. Garcia, A. Geffen, H. Høie, A. Johannessen, E. Moksness, H. De Pontual, T. Ramirez, D. Schnack and B. Sveinsbo 2004. Recruitment studies: Manual on precision and accuracy of tools. *ICES Techniques in Marine Environmental Sciences*, No. 33. 35 pp.
- Blaxter, J.H.S., D.S. Danielssen, E. Moksness and V. Øiestad 1983. Description of the early development of the halibut (*Hippoglossus hippoglossus*) and attempts to rear the larvae past first feeding. *Mar. Biol.*, 73: 99-107.
- Bjerkås, E., I. Bjerkås and E. Moksness 1998. An outbreak of cataract with lens rupture and nuclear extrusion in wolf-fish (*Anarhicas spp*). *Veterinary Ophthalmology* 1, 1: 9-15.
- Campana, S. and E. Moksness 1991. Accuracy and precision of age and hatch date estimates from otolith microstructure examination. *ICES J. mar. Sci.*, 48: 303-316.
- Case, R.A.J., W.F. Hutchinson, L. Hauser, V. Buehler, C. Clemmensen, G. Dahle, O.S. Kjesbu, E. Moksness, H. Otterå, H. Paulsen, T. Svåsand, A. Thorsen and G.R.

- Carvalho 2006. Association between growth and Pan I\* genotype within Atlantic cod full-sibling families. *Transactions of the American Fisheries Society*, 135: 241-250.
- Casselman, J.M. and E. Moksness 2002. Preface. In: J. Panfili, H. de Pontual, H. Troadec and P.J. Wright (Eds.) *Manual of fish sclerochronology*. Brest, France: Ifremer-IRD coedition, 464p. 11-13.
- Clemmesen, C., V. Bühler, G. Carvalho, R. Case, G. Evans, L. Hauser, W.F. Hutchinson, O. S. Kjesbu, H. Mempel, E. Moksness, H. Otteraa, H. Paulsen, A. Thorsen and T. Svaasand. 2003. Variability condition and growth of Atlantic cod larvae and juveniles reared in mesocosms: environmental and maternal effects. *Journal of Fish Biology* 62: 706-723.
- Dahl, E., A. Ervik, S. A. Iversen, E. Moksness and R. Sætre. 2008. Reconciling fisheries with conservation in the coastal zones - the Norwegian experience and status. *American Fisheries Society Symposium* 49: 1519-1531.
- Danielssen, D.S., E. Moksness and V. Øiestad 1981. Duoculture of plaice (*Pleuronectes platessa*) and lobster (*Homarus gammarus*) fry in two enclosures based on natural production. *Rapp. P.-v. Réun. Cons. int. Explor. Mer* 178: 511-513.
- Ellertsen, B., E. Moksness, P. Solemdal, T. Strømme, S. Tilseth, T. Westgård and V. Øiestad 1980. Some biological aspects of cod larvae (*Gadus morhua* L.). *FiskDir. Skr. Ser. HavUnders.*, 17: 29-47.
- Ellertsen, B., E. Moksness, P. Solemdal, S. Tilseth, T. Westgård and V. Øiestad 1981. Growth and survival of cod in an enclosure. Experiment and a mathematical model. *Rapp. P.-v. Réun. Cons. int. Explor. Mer* 178: 45-57.
- Falk-Petersen, I-B., T. Haug and E. Moksness 1990. Observation on the occurrence, size and feeding of ocean catfish, *Anarhichas lupus*, larvae in western Finnmark, North Norway. *J. Cons. int. Explor. Mer*. 46: 148-154.
- Feet, P.Ø., K.I. Ugland and E. Moksness 2002. Accuracy of age estimates in spring spawning herring (*Clupea harengus* L.) reared under different prey densities. *Fish. Res.*, 56: 59-67.
- Folkvord, A. and E. Moksness 1995. RNA/DNA ratios and growth of herring larvae. *Marine Ecology Progress Series*, 121: 311-312.
- Folkvord, A., L. Ystanes, A. Johannessen and E. Moksness 1996. RNA:DNA ratios and growth of herring (*Clupea harengus* L.) larvae reared in mesocosms. *Marine Biology*, 126: 591-602.
- Folkvord, A., K. Rukan, A. Johannessen & E. Moksness 1997. Early life history of herring (*Clupea harengus* L.) larvae in contrasting environments determined by back-calculation of otolith growth. *Journal of Fish Biology*, 51 (Suppl. A): 250-263.
- Folkvord, A., G. Blom, A. Johannessen and E. Moksness 2000. Growth dependent age estimation in herring (*Clupea harengus* L.) larvae. *Fish. Res.*, 46: 91-103.
- Folkvord, A., A. Johannessen & E. Moksness 2004. Temperature dependent otolith growth in Norwegian spring spawning herring (*Clupea harengus* L.) larvae. *Sarsia* 89: 297-310.
- Fossum, P. and E. Moksness 1993. A study of spring- and autumn-spawned herring (*Clupea harengus* L.) larvae in the Norwegian coastal current during spring 1990. *Fish. Oceanogr.* 2:2, 73-81.
- Fossum, P. and E. Moksness 1995. Recruitment processes of the strong year-class of Norwegian spring spawning herring (*Clupea harengus* L.) derived from otolith microstructure examination. pp. 467-480. In: Secor, D.H., J.M. Dean and S.E. Campana (Eds.) *Recent developments in fish otolith research*. University of South Carolina Press. Columbia, South Carolina, USA, 764 p.
- Gaichas, S.K., A. Bundy, T. J. Miller, E. Moksness and K. I. Stergiou 2012. What Drives Marine Fisheries Production? *Marine Ecology Progress Series*, 459, 159-163

- Gao, Y., H.P. Schwarcv, U. Brand and E. Moksness 2001. Seasonal stable isotope records of otoliths from ocean-pen reared and wild cod, *Gadus morhua*. *Enviromental Biology of Fishes* 61: 445-453.
- Godø, O.R. and E. Moksness 1987. Growth and maturation of Norwegian coastal cod and Northeast Artic cod under different conditions. *Fish. Res.*,5: 235-242.
- Ivarfjord, T., T. Pedersen and E. Moksness 2008. Effects of growth rates on the Otolith increment deposition rate in capelin larvae (*Mallotus villosus*). *Journal of Experimental Marine Biology and Ecology*, 358: 170-177..
- Jakobsen, T., M. J. Fogarty, B. A. Megrey and E. Moksness 2009. Introduction. In: Jakobsen, T., M. Fogarty, B. Megrey and E. Moksness (Eds.). *Fish Reproductive Biology; implications for Assessment and Management*. Wiley-Blackwell Ltd. 2009. ISBN 978-1-4051-2126-2. 1-8.
- Johannessen, A. and E. Moksness 1991. Occurrence of herring larvae in the Skagerrak area from December 1987 to April 1988. *Fish. Res.* 11: 155-170.
- Johannessen, T., J. Gjørseter and E. Moksness 1993. Reproduction, spawning behaviour and captive breeding of the common wolffish *Anarhichas lupus* L. *Aquaculture*, 115: 41-51.
- Hellberg, H., E. Moksness and S. Høie 1996. Infection with atypical *Aeromonas salmonicida* in farmed common wolffish (*Anarhichas lupus* L.). *Journal of Fish Diseases*, 19: 329-332.
- Knutsen, H., E. Moksness and N.B. Vogt 1985. Distinguishing between 1 day old cod (*Gadus morhua* L.) and haddock (*Melanogrammus aeglefinus* L.) eggs using gas chromatography and SIMCA pattern recognition. *J. Fish. Res. Bd Can.* 42, 1823-1826.
- Link, J.S., B.A. Megrey, T.J. Miller, T. Essington, J. Boldt, A. Bundy, E. Moksness, K.F. Drinkwater and R.I. Perry 2010. Comparative analysis of marine ecosystems: international production modelling workshop. *Biol. Lett.* doi:10.1098/rsbl.2010.0526
- Link, J.S., S. Gaichas, T. J. Miller, T. Essington, A. Bundy, J. Boldt, K. F. Drinkwater and E. Moksness 2012. Synthesizing lessons learned from comparing fisheries production in 13 northern hemisphere ecosystems: emergent fundamental features. *Marine Ecology Progress Series* 459, 293-302.
- McCarthy, I., E. Moksness and D.A. Pavlov 1998. The effects of temperature on growth rate and growth efficiency of juvenile wolffish. *Aquaculture International*, 6, 207-218.
- McCarthy, I., E. Moksness, D.A. Pavlov and D.F. Houlihan 1999. Effect of water temperature on protein syntesis and protein growth in juvenile Atlantic wolffish (*Anarhichas lupus* L.). *Can. J. Fish. Aquat. Sci.* 56: 231-241
- McDermott, S.F., L. Buhl-Mortensen, G. Dahle, D. Hart, A. C. Haynie, T. Johannessen, E. Moksness, E. Moland, E. Olsen, J. V. Olson, P. D. Spencer, and W. Stockhausen 2017. Lessons on Marine Protected Area Management in Northern Boreal Regions from the United 1 States and Norway. *Marine Fisheries Review*, 79 (1) 28-51.
- Misund, O.A., Torrissen, O.J., Bjordal, Å., Moksness, E., Lønne, O.J., Toft, K.Ø. 2008. Reorganization of the Institute of Marine Researc, Norway, to improve the quality and responsiveness of scientific advice for management and conservation under the ecosystem approac. *American Fisheries Society Symposium* 49: 1139-1147.
- Megrey, B. A., J. S. Link, G. Hunt and E. Moksness (2009). Comparative marine ecosystem structure and function: descriptors and characteristics – A synthesis. In: B. A. Megrey, J. S. Link, and E. Moksness (Eds) *Comparative marine ecosystem*. Special issue of *Progress in Oceanography*. (In press)
- Megrey, B.A. and E. Moksness 2009. Past, present and future trends in the use of computers in fisheries research. In: B.A. Megrey and E. Moksness (Eds.) *Computers in Fisheries Research*. Second edition. Springer, ISBN 978-1-4020-8635-9. 1-30.
- Megrey, B.A. and E. Moksness 1996. Introduction. In: B.A. Megrey and E. Moksness (Eds.) *Computers in Fisheries Research*. Chapman & Hall Ltd, ISBN 0 412 59550 8: 1-7.



- Megrey, B.A. and E. Moksness 2002. Introduction. In: B.A. Megrey and E. Moksness (Eds.) Visualization of Spatial Data. ICES Journal of Marine Science, 59: 150.
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