

## Publications by Niels Vestergaard

### Refereed Journals:

31. Skonhøft, A., N. Vestergaard and M. Quaas (Forthcoming). Optimal harvest in an age structured model with different fishing selectivity. *Environmental & Resource Economics*.
30. Vestergaard, N., K. A. Stoyanova and C. Wagner (Forthcoming). Cost-Benefit Analysis of the Greenland Offshore Shrimp Fishery. *Food Economics*.
29. Kronbak, L.G., J.R. Nielsen, O.A. Jørgensen and N. Vestergaard. 2009. Bio-Economic Evaluation of more Selective Trawl Fishing Gears. *Journal of Environmental Management*, 90: 3665-3674.
28. Kjærsgaard, J., N. Vestergaard and K. Kerstens. 2009. Ecological Benchmarking to Explore Alternative Fishing Schemes to Protect Endangered Species by Substitution: The Danish Demersal Fishery in the North Sea. *Environmental & Resource Economics*, 43: 573-590.
27. Agnarsson, S., R. Arnason, K. Johannsdottir, L.K. Sandal, S.I. Steinshamn, L. Ravn-Jensen and N. Vestergaard. 2008. Multispecies and Stochastic issues: Comparative Evaluation of the Fisheries Policies in Denmark, Iceland and Norway. *TemaNord2008*, nr. 540. Copenhagen.
26. Jensen, F. and N. Vestergaard. 2007. Asymmetric information and uncertainty: The usefulness of logbooks as a regulation measure. *Ecological Economics*, Vol. 63(4), pp. 815-827.
25. Lindebo, E., A. Hoff and N. Vestergaard. 2007. Revenue-based capacity utilisation measures and decomposition: The Case of Danish North Sea Trawlers. *European Journal of Operational Research*, Vol. 180(1), pp. 215-227.
24. Kerstens, K., N. Vestergaard and D. Squires. 2006. A Short-Run Johansen Industry Model for Common-Pool Resources: Planning a Fisheries' Industry Capacity to Curb Overfishing. *European Review of Agricultural Economics*, Vol. 33(3), pp.361-389.
23. Hansen, L.G., F. Jensen, U. S. Brandt and N. Vestergaard. 2006. Illegal Landings: An Aggregate Catch Self-Reporting Mechanism. *American Journal of Agriculture Economics*, Vol. 88(4), pp.974-985.
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21. Kerstens, K., D. Squires and N. Vestergaard. 2005. Methodological Reflections on the Short-Run Johansen Industry Model in relation to Capacity Management. *Marine Resource Economics*, Vol. 20, pp. 425-443.
20. Susilowati, I., N. Bartoo, I.H. Omar, Y. Jeon, K. Kuperan, D. Squires and N. Vestergaard. 2005. Productive Efficiency, Property Rights, and Sustainable Renewable Resource Development in the Mini-Purse Seine Fishery of the Java Sea. *Environment and Development Economics*, Vol 10(6), pp. 837-859.

19. Vestergaard, N., F. Jensen and H.P. Jørgensen. 2005. Sunk Cost and Entry-Exit Decisions under ITQs: Why Industry Restructuring is Delayed. *Land Economics*, Vol. 81(3), pp. 363-378.
18. Arnason, R., L. K. Sandal, S.I. Steinshamn and N. Vestergaard. 2004. An Evaluation of the Cod Fishing Policies of Denmark, Iceland and Norway. *EuroChoices* Vol. 3(3).
17. Arnason, R., L. K. Sandal, S.I. Steinshamn and N. Vestergaard 2004. Optimal Feedback Controls: Comparative Evaluation of Cod Fisheries in Denmark, Iceland and Norway. *American Journal of Agricultural Economics*, Vol. 86(2).
16. Vestergaard N., D. Squires, F. Jensen and J.L. Andersen. 2003. Technical Efficiency of the Danish Trawl fleet: Are the Industrial Vessels Better than Others? *Nationaløkonomisk Tidsskrift* 141(2): 225-242.
15. Jensen, F. and N. Vestergaard, 2003. Prices versus Quantities in Fisheries Models. *Land Economics*, Vol. 79(3), pp. 415-425.
14. Vestergaard, N., D. Squires and J. Kirkley 2003. Measuring Capacity and Capacity Utilization in Fisheries: The Case of the Danish Gill-net Fleet. *Fisheries Research* Vol. 60(2-3), pp. 357-368.
13. Jensen, F. and N. Vestergaard, 2002. Moral Hazard Problems in Fisheries Regulation: The Case of Illegal Landings and Discard. *Resource and Energy Economics*, Vol. 24(4), pp. 281-299.
12. Jensen, F. and N. Vestergaard 2002. A Principal-Agent Analysis of Fisheries. *Journal of Institutional and Theoretical Economics*, Vol. 158(2), pp. 276-285.
11. Jensen, F. and N. Vestergaard 2001. Management of Fisheries in the EU: A Principal-Agent Analysis. *Marine Resource Economics*, Vol. 16, pp. 277-291.
10. Arnason, R., L. K. Sandal, S.I. Steinshamn, N. Vestergaard, Agnarsson, S. and F. Jensen 2000. Comparative Evaluation of the Cod and Herring Fisheries in Denmark, Iceland and Norway, *TemaNord* 2000:526 (Nordisk Ministerråd, København).
9. Davidse W.P., L.V. McEwan and N. Vestergaard, 1999. Property Rights in Fishing: From State Property towards Private Property. *Marine Policy* Vol. 23(6) pp. 537-547.
8. Vestergaard, N. 1999. Measures of Welfare Effects in Multiproduct Industries: The Case of Multispecies Individual Quota Fisheries. *Canadian Journal of Economics* Vol. 32(2) pp.729-43.
7. Squires, D., N. Vestergaard, et.al. 1998. Individual Transferable Quotas in Multispecies Fisheries. *Marine Policy* Vol.22(2) pp.135-159.
6. Vestergaard, N. 1996. Discarding Behaviour, Highgrading and Regulation: The case of the Greenland Shrimp Fishery. *Marine Resource Economics* Vol.11, pp. 247-266.
5. Vestergaard, N. 1995. Comment on "An Economic Analysis of Highgrading in ITQ Fisheries Regulation Programs" by L.G. Anderson, *Marine Resource Economics* 1994 9(3): 209-226. Errata in *Marine Resource Economics* Vol 10(1), 1995.

4. Vestergaard, N. 1995. Sustainable Exploitation of Renewable Resources: The Faroe Island cod fishery. (In Danish, abstract in English). *Nationaløkonomisk Tidsskrift* 133(3): 215-235.
3. Frost H. and N. Vestergaard. 1995. An Operational Approach to assess Management Regulation, Subject to Different Management Objectives, ICES CM 1995/S:15.
2. Vestergaard, N. and H. Frost. 1994. Attitudes Towards Fishing Capacity. E.A.F.E. Discussion Paper. *Irish Fisheries Investigations*. Proceedings of the Third Annual Conference of The European Association of Fisheries Economists, Series B (Marine) No. 42 (1994), pp. 42-49.
1. Christensen, S. and N. Vestergaard. 1993. A Bioeconomic Analysis of the Greenlandic Shrimp Fishery in the Davis Strait. *Marine Resource Economics*, Vol. 8, pp. 345-365.

### **Books, Book Chapters, Proceedings and Reports**

Kristiaan Kerstens, Bouye Ahmed Moulaye Hachem, Ignace Van de Woestyne and Niels Vestergaard. 2010. Optimal Capacity Utilization and Reallocation in a German Bank Branch Network: Exploring Some Strategic Scenarios. In: *Progress in Economics Research*. / red. Albert Tavidze. Bd. 16 Nova Science Publishers.

Vestergaard, N. 2010. Principal-Agent Problems in Fisheries. Chap. 42 in: *Handbook of Marine Fisheries Conservation and Management*. / red. R. Quentin Grafton, Ray Hilborn, Dale Squires, Maree Tait and Meryl Williams. Oxford University Press, 2010.

J. R. Nielsen, S.E. Andersen, S. Eliassen, H. Frost, O. Jørgensen, C. Krog, L.G. Kronbak, C. Mathiesen, S. Munch-Petersen, S. Sverdrup-Jensen, N. Vestergaard. 2008. Implementering af mere selektive og skånsomme fiskerier. Konklusioner, anbefalinger og perspektivering.

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Jensen, O. F., M. H. Jensen, Martinsen, B. og N. Vestergaard. 2005. Omsættelige kvoter og andre metoder til regulering af rejefiskeriet. Rapport fra "Det uvildige udvalg" nedsat af Grønlands Hjemmestyre.

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Lindebo, E., A. Hoff and N. Vestergaard. 2002. Economic and physical measures of capacity: A comparative analysis of Danish trawlers. In Fisheries in the global economy. Proceedings of the eleventh biennial conference of the International Institute of Fisheries Economics and Trade (IIFET). August 19-22, 2002. Wellington, New Zealand. CD-Rom.

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**Under review or in preparation**

Kronbak, Lone G. and N. Vestergaard. 2010. Towards development of biological-economic evaluation tool in fishery policy: Cost-effectiveness analysis of protecting species in a multi-species fishery.

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Quaas M.F, T.Requate, K. Ruckes, A.Skonhoft, N. Vestergaard and R.Voss. 2010. Incentives for Optimal Management of Age-structured Fish Populations.

## **Working Papers**

Brandt, U.S. and N. Vestergaard. 2011. Assessing Risk and Uncertainty in Fisheries Rebuilding plans. IME Working Paper No. 107/11.

Vestergaard, N., K. A. Stoyanova and C. Wagner. 2010. Cost-Benefit Analysis of the Greenland Offshore Shrimp Fishery. IME Working Paper No. 98/10.

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Kristiaan Kerstens & Bouye Ahmed Moulaye Hachem & Ignace Van de Woestyne & Niels Vestergaard, 2008. Optimal Capacity Utilization and Reallocation in a German Bank Branch Network: Exploring Some Strategic Scenarios. Working paper. 2008-ECO-19, IESEG School of Management.

Kjærsgaard, J., N. Vestergaard and K. Kerstens, 2008. Ecological Benchmarking to Explore Alternative Fishing Schemes to Protect Endangered Species by Substitution: The Danish Demersal Fishery in the North Sea. Working paper. 2008-ECO-18, IESEG.

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