

Curriculum Vitae Rasmus Nielsen

PERSONAL DATA

Name Rasmus Nielsen, Associate Professor, Ph.D.
University of Copenhagen, Department of Food and Resource Economics,
Section for Environment and Natural Resource Economics
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EDUCATION / ACADEMIC DEGREES

1998 MSc in Economics (Cand Polit), University of Copenhagen, Denmark
2012 PhD in Economics, University of Copenhagen, Denmark

APPOINTMENTS

1998-2001 Administrative officer, Department of Economics, Municipality of Solrød
2001-2009 Admin. officer/researcher, Danish Institute for Agriculture and Fisheries Economics
2009-2012 PhD-student at University of Copenhagen, Department of Food and Resource Economics
2012-2017 Special consultant
2017- Associate Professor at University of Copenhagen, Department of Food and Resource Economics

SCIENTIFIC QUALIFICATIONS

- I have been working with fisheries and aquaculture for the past 20 years.
 - Have an extensive experience in applied and empirical research within fisheries- and aquaculture economics.
 - Studies on environmental economics, production economic modelling, policy and management of fisheries and aquaculture, interaction of fisheries and aquaculture on global fish markets.
 - Involved in EU data collection program and reporting to the EU Commission on the European and Danish fisheries, aquaculture and fish processing sectors.
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MANAGERIAL SKILLS

- Practical project leader experience from a large number of Danish and European research projects as well as governmental advisory work for the Ministry of Environment and Food of Denmark.
 - My tasks include research, teaching, supervision, dissemination, applications, budgeting, financial management etc. and I have been trained in project management.
 - Chair of the Economic working group of aquaculture in EU under the Scientific, Technical and Economic Committee for Fisheries (STECF)
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EXPERIENCE FROM DEVELOPING COUNTRIES

- Leader of an economic WP on efficiency and productivity in tilapia and pangas farming in Bangladesh under DANIDA from 2015-2020 (Bangfish).
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SELECTED RECENT PEER-REVIEWED ARTICLES (since 2011)

- Khan, M. A., Begum, R., Nielsen, R., and Hoff, A. (2021) Production risk, technical efficiency, and input use nexus: Lessons from Bangladesh aquaculture.
- Rahman, M. T., Nielsen, R., Ahsan, D., & Khan, M. A. (2021). Perceived risk and risk management strategies in pond aquaculture. *Marine Resource Economics*, 36(1), 43–69.
- Hukom, V., Nielsen, R. and Nielsen, M (2021). Effects of co-management on technical efficiency and environmental stressors: An application to small-scale shrimp polyculture in Indonesia. Published online: 29 Mar 2021: <https://doi.org/10.1080/13657305.2021.1897190>
- Rahman, M. T., Nielsen, R., Khan, M. A., & Yeboah, I. A. (2020). Impact of management practices and managerial ability on the financial performance of aquaculture farms in Bangladesh. *Aquaculture Economics & Management*, 24(1), 79–101.
- Nielsen, R., Ankamah-Yeboah, I., and Llorente, I. (2020). Technical efficiency and environmental impact of seabream and seabass farms. *Aquaculture Economics & Management*, 106-125.
- Rahman, M. T., Nielsen, R., & Khan, M. A. (2019). Agglomeration externalities and technical efficiency: An empirical application to the pond aquaculture of Pangas and tilapia in Bangladesh. *Aquaculture Economics & Management*, 23(2), 158–187.
- Rahman, M. T., Nielsen, R., Khan, M. A., & Asmild, M. (2019). Efficiency and production environmental heterogeneity in aquaculture: A meta-frontier DEA approach. *Aquaculture*, 509, 109–139.
- Ankamah-Yeboah, I., Nielsen, M. and Nielsen, R. (2016) Price Premium of Organic Salmon in Danish Retail Sale. *Ecological Economics* 122, 54–60.

- Jacobsen, L.B., Nielsen, M and Nielsen, R. (2016) Gains of integrating sector-wise pollution regulation: The case of nitrogen in Danish crop production and aquaculture. *Ecological Economics* 129, 172–181.
- Abate, T.G., Nielsen, R. and Tveteras, R. (2016) Stringency of Environmental Regulation and Aquaculture Growth: A Cross-country Analysis. *Aquaculture Economics and Management* 20, 201-221.
- Nielsen, R. (2012) Introducing individual transferable quotas on nitrogen in Danish fresh water aquaculture: Production and profitability gains. *Ecological Economics* 75, 83-90.

EU reports

- Nielsen R., Guillen J., Virtanen J., red. Economic Report of the EU Aquaculture sector (STECF-20-12). European Commission, 2020.
- Nielsen R., Guillen J., Carvalho N., red. Economic Report of the EU Aquaculture sector (STECF-18-19). European Commission, 2018.
- Nielsen R., Guillen J., Carvalho N., red. The Economic Performance of the EU Aquaculture Sector (STECF 16-12). European Commission, 2016.