



Christoffer Moesgaard Albertsen – Short CV

ORCID

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Degrees

- BSc Mathematics - Department of Mathematical Sciences, University of Copenhagen - 2012
- MSc Statistics - Department of Mathematical Sciences, University of Copenhagen - 2014
- PhD - National Institute of Aquatic Resources, Technical University of Denmark - 2018

Positions

- Postdoc - National Institute of Aquatic Resources, Technical University of Denmark - 2018
- Researcher - National Institute of Aquatic Resources, Technical University of Denmark - 2018-2022
- Senior Researcher - National Institute of Aquatic Resources, Technical University of Denmark - since 2022

Research area

Statistical modelling for fish stock assessment. In particular to understand the behaviour, movement, demographic and spatial patterns of marine population in relation to the conservation and sustainable exploitation of marine living resources in single-stock and mixed-stock fisheries.

Distinctions and awards

- Augustinus Fonden, Travel grant (2015)
- Oticon Fonden, Travel grant (2015)
- Christian og Otilia Brorsons Rejselegat, Travel grant (2015)
- Knud Højgårds Fond, Travel grant (2016)

Memberships of scientific committees (last 5 years)

- Member of the (multi-year) ICES groups: SIMWG, HAWG, MGWG

Publications

Type of publication:	Number
Web of Science publications:	25
Citations:	647
<i>h</i> -index:	14
Other peer review publications:	1
Reports:	25

Evaluation tasks and reviews (last 5 years)

- Grant reviewer for Swiss Data Science Center
- External PhD thesis examiner, Department of Statistics, The University of Auckland, New Zealand.
- Reviewer for: Acta Biotheoretica, Animal Biotelemetry, Annals of Applied Statistics, Biological Conservation, Canadian Journal of Fisheries and Aquatic Sciences, Fish and Fisheries, Fisheries Management and Ecology, Fisheries Research, Freshwater Science, ICES Journal of Marine Science, Journal of Theoretical Biology, Marine Environmental Research, Marine Pollution Bulletin, Methods in Ecology and Evolution, Regional Studies in Marine Science, Science of the Total Environment, Scientific Reports, Statistical Modelling, Zoological Research
- Associate editor, Canadian Journal of Fisheries and Aquatic Sciences

Advisory tasks (last 5 years)

- Developed – and runs - the model used to estimate stock composition of eastern and western Baltic cod catches (2020-)
- Developed – and runs – the model used to estimate stock composition of western Baltic spring spawning and North Sea autumn spawning herring catches (2022-)
- Developed the model used to assess Northern Shelf cod since 2023



- Co-chair of the WKSIDAC3 working group (2024)
- Participation in ICES working/expert groups: HAWG, MGWG, SIMWG, WK6aCOD, WKCOD, WKNEWREF, WKREBUILD2, WKREF1, WKREF2, WKSIDAC2, WKSIDAC3

Educational tasks at academical level (last 5 years)

- Teacher at the BEng course 25205 Basic Modelling and Statistics in R.

Innovation activities (last 5 years)

- Author of, and contributor to, several open source software projects for research (github.com/calbertsen)

Grants (competitive) (ongoing or finished within last 5 years)

- Workpackage leader in the projects: BREFdata (39782), CanMac (113507), REVIVAL (113570)

Selected publications

- Albertsen, C. M., Perälä, T.; Cardinale, M.; Winker, H. and Trijoulet, V. (2025) Rebuilding and Reference Points Under Compensatory and Depensatory Recruitment: A Meta-Analysis of Northeast Atlantic Fish Stocks. *Fish and Fisheries*, 26(1), 171-192. doi: 10.1111/faf.12872
- Bekkevold, D., Berg, F., Polte, P., Bartolino, V., Ojaveer, H., Mosegaard, H., Farrell, E. D., Fedotova, J., Hemmer-Hansen, J., Huwer, B., Trijoulet, V., Albertsen, C. M., Fuentes-Pardo, A. P., Gröhsler, T., Pettersson, M., Jansen, T., Folkvord, A. and Andersson, L. (2023) Mixed-stock analysis of Atlantic herring (*Clupea harengus*): a tool for identifying management units and complex migration dynamics. *ICES Journal of Marine Science*, 80, 173-184. doi: 10.1093/icesjms/fsac223*
Among top 10% most cited based on citations by subject, year, and document type.
- Trijoulet, V., Albertsen, C. M., Kristensen, K., Legault, C. M., Miller, T. J. and Nielsen, A. (2023) Model validation for compositional data in stock assessment models: calculating residuals with correct properties. *Fisheries Research*, 257, 106487. doi: 10.1016/j.fishres.2022.106487
Among top 10% most cited based on citations by subject, year, and document type.
- Chambault, P., Kovacs, K. M., Lydersen, C., Shpak, O., Teilmann, J., Albertsen, C. M. and Heide-Jørgensen, M. P. (2022) Future seasonal changes in habitat for Arctic whales during predicted ocean warming. *Science Advances*, 8(29), eabn2422. doi: 10.1126/sciadv.abn2422
- Albertsen, C. M., Hüseyin, K., Serre, S. H., Hemmer-Hansen, J., Thomsen, T. B. (2021) Estimating migration patterns of fish from otolith chemical composition time-series. *Canadian Journal of Fisheries and Aquatic Sciences*. doi: 10.1139/cjfas-2020-0356