

## Short CV – Marie Storr-Paulsen

### Degrees

- MSc (Biology), University of Copenhagen, Denmark (2001).

### Positions

- Head of Section for Monitoring and Data (Charlottenlund), DTU Aqua, Technical University of Denmark (2009-present).
- Research Assistant, DTU Aqua (2006-2009).
- Research Scientist, Greenland Institute of Natural Resources (2002-2006).

### Research area

Optimise, coordinate and evaluate the commercial and scientific sampling program within DTU Aqua as well as in a regional context. Quantification of uncertainty in data and how to improve and optimize the sampling programmes by good statistical survey design and regional coordinated sampling programmes. Improving and documenting data quality.

### Membership of scientific committees, 2011-present

- Chair of PGDATA - ICES Planning Group on Data Needs for Assessments and Advice (2015-2017).
- Chair of WKSUREP - Workshop to establish reporting guidelines from survey groups (2016).
- Chair of WKBALTCOD - ICES Benchmark Workshop on Baltic Cod Stocks (2015).
- Chair of WGBFAS - ICES Baltic Fisheries Assessment Working Group – Member from 2007-present (2013-2015).
- Chair of WKSIBCA - ICES Workshop on Scoping for Integrated Baltic Cod Assessment (2014).
- Chair of SGPIDS - ICES Study Group on Practical Implementation of Discard Sampling Plans – member from 2011 (2013).
- RCM-Baltic, Regional Coordination Meeting Baltic (2010-present).
- RCM-North Sea East Arctic, Regional Coordination Meeting North Sea East Arctic (2010-present).
- WKCOSTBEN, Workshop on cost benefit analysis of data collection in support of stock assessment and fishery management (2016).
- WKPICS, Workshop on practical implementation of statistical sound catch sampling programmes (2011-2013, Member)
- WGCATCH, Working Group on Commercial Catches (2014-present, Member).
- PGCCDBS, Planning Group on Commercial Catches, Discards and Biological Sampling (2009-2014, Member).

**Peer reviewed publications: 16. Reports: 6. International conferences: 2.**

### Advisory tasks, 2011-present

Stock assessment and national and international advice for the Baltic and Kattegat stocks, dialogue meetings and briefings to the Danish Fishermen's Associations, Advisory Councils, the BaltFish Commission, and the Ministry of Environment and Food of Denmark.

### Educational tasks, 2011-present

Developing, teaching and project manager on fisheries courses for the Danish control agency. Three different courses have been developed and conducted 3-4 times each, Basic biological knowledge, Ecosystem based management and Landing Obligation.

### Grants, 2011-present

Danish National Programme for data collection in accordance with the EU DCF (2009-present). Responsible for commercial and recreational data sampling and processing.

### Research collaboration with stakeholders, 2011-present

Various annual national consultation, coordination and expert groups with industry, NGO's and authorities; Annual general meeting (AGM) in the local fisheries unions; "Baltic circle meetings" with the stakeholders and managers; organizer in scientist-fishermen workshop on closed areas.

## Five selected publications

Eero M, Hjelm J, Behrens J, Buchmann K, Cardinale M, Casini M, Gasyukov P, Holmgren N, Horbowy J, Hüsey K, Kirkegaard E, Kornilovs G, Krumme U, Köster FW, Oeberst R, Plikshs M, Radtke K, Raid T, Schmidt J, Tomczak MT, Vinther M, Zimmermann C, Storr-Paulsen M. (2015). Eastern Baltic cod in distress: biological changes and challenges for stock assessment. *ICES Journal of Marine Science*, 72, 2180-2186. doi:10.1093/icesjms/fsv109.

Ulrich C, Olesen HJ, Bergsson H, Egekvist J, Håkansson KB, Dalskov J, Kindt-Larsen L, Storr-Paulsen M. (2015). Discarding of cod in the Danish Fully Documented Fisheries trials, *ICES Journal of Marine Science*, 72(6), 1848-1860., 10.1093/icesjms/fsv028.

Eero M, Vinther M, Haslob H, Huwer B, Casini M, Storr-Paulsen M, Köster FW. (2012). Spatial management of marine resources can enhance the recovery of predators and avoid local depletion of forage fish. *Conservation Letters*, 5, 486-492, doi: 10.1111/j.1755-263X.2012.00266.x.

Sparrevohn CR, Storr-Paulsen M. (2012). Using interview-based recall surveys to estimate cod *Gadus morhua* and eel *Anguilla anguilla* harvest in Danish recreational fishing. *ICES Journal of Marine Science*, 69(2), 323-330.

Pampoulie, C, Danielsdottir, A. K., Storr-Paulsen, M. Hovgård, H. Hjørleifsson, E., Steinarsson, B. (2011). Neutral and Nonneutral Genetic Markers Revealed the Presence of Inshore and Offshore Stock Components of Atlantic Cod in Greenland Waters. *TRANSACTIONS OF THE AMERICAN FISHERIES SOCIETY*, 140 (2), 307-319