

Sólvá Jacobsen

Havstovan - Faroe Marine Research Institute

**Type of address: Postal address.**

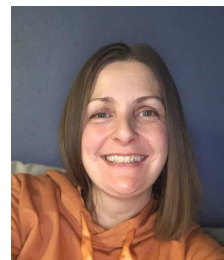
Nóatún 1, FO-100 Tórshavn

Faroe Islands

**Email:** solvaj@hav.fo

**Phone:** +298 282257

**Web address:** <http://www.hav.fo>



## Research interests

Marine plankton ecology

Early life history of fish

The Faroe shelf ecosystem

## Qualifications

Master, Zooplankton community structure and size spectra in relation to phytoplankton and hydrographic features on the Faroe Shelf: - Feeding conditions for fish larvae, University of Copenhagen

Award Date: 29 Nov 2011

Bachelor, Náttúruvísindadeildin - Faculty of Science and Technology

Award Date: 3 Aug 2007

## Peer reviewed publications

1. Jacobsen, S, Nielsen, KK, Kristiansen, R, Grønkjær, P, Gaard, E & Steingrund, P 2022, 'Influence of larval prey availability on year class strength in Faroe Plateau cod (*Gadus morhua*)', *Marine Biology / International Journal on Life in Oceans and Coastal Waters*, vol. 169, no. 153, pp. 1-13. <<https://doi.org/10.1007/s00227-022-04140-w>>
2. Jacobsen, S, Gaard, E & Hátún, H 2022, 'Declining Pre-bloom *Calanus finmarchicus* Egg Production Adjacent to Two Major Overwintering Regions in the Northeastern Atlantic', *Frontiers in Marine Science*, vol. 9, 822978, pp. 1-11. <https://doi.org/10.3389/fmars.2022.822978>
3. Jacobsen, S, Nielsen, KK, Kristiansen, R, Grønkjær, P, Gaard, E & Steingrund, P 2020, 'Diet and prey preferences of larval and pelagic juvenile Faroe Plateau cod (*Gadus morhua*)', *Marine Biology / International Journal on Life in Oceans and Coastal Waters*, vol. 167, no. 122, pp. 1-16. <https://doi.org/10.1007/s00227-020-03727-5>
4. Jacobsen, S, Gaard, E, Hátun, H, Steingrund, P, Larsen, KMH, Reinert, J, Ólafsdóttir, SR, Poulsen, M & Vang, HBM 2019, 'Environmentally Driven Ecological Fluctuations on the Faroe Shelf Revealed by Fish Juvenile Surveys', *Frontiers in Marine Science*, vol. 6, 559, pp. 1-12. <<https://www.frontiersin.org/articles/10.3389/fmars.2019.00559/full>>
5. Jacobsen, S, Gaard, E, Larsen, KMH, Eliassen, SK & Hátun, H 2018, 'Temporal and spatial variability of zooplankton on the Faroe shelf in spring 1997-2016', *Journal of Marine Systems*, vol. 177, pp. 28-38. <https://doi.org/10.1016/j.jmarsys.2017.08.004>
6. Eliassen, SK, Hátun, H, Larsen, KMH & Jacobsen, S 2017, 'Faroe shelf bloom phenology: The importance of ocean-to-shelf silicate fluxes', *Continental Shelf Research*, vol. 143, pp. 43-53. <https://doi.org/10.1016/j.csr.2017.06.004>

## Projects

**COPS: Dynamics of *Calanus* species linked to Oceanographic processes, predators and carbon Sequestration**

Gaard, E. (PI), Kristiansen, I. (Col), Jónasdóttir, S. H. (PI), Visser, A. W. (PI), Hátun, H. (PI), Jacobsen, S. (PI) & Heath, M. R. (Col)

1/01/22 → 30/09/24

**Elucidating the early life history of Faroe Plateau cod and Faroe haddock**

Jacobsen, S. (PI)

1/08/15 → 31/07/17

**Key processes governing pelagic productivity in sub-arctic North Atlantic fjord ecosystems**

í Homrum, E. (PI), Jacobsen, S. (Col), Erenbjerg, S. V. (Col), á Norði, G. (Col), Grønkjær, P. (Col), Hátun, H. (Col), Hansen, B. (Col), Neuheimer, A. B. (Col), Ferreira, S. (Col) & Lava Olsen, E. (Col)

1/01/22 → 31/12/24

**Linking three decades of cross-sectional zooplankton observations to oceanographic changes around the Faroe plateau**

Kristiansen, I. (PI), Gaard, E. (Col), Hátun, H. (Col), Jacobsen, S. (Col) & Salter, I. (Col)

14/06/21 → 14/06/24

**Seasonal variation in survival of pelagic fish larvae and juveniles on the Faroe shelf**

Jacobsen, S. (PI)

1/05/19 → 29/02/20

**The Role of Zooplankton in Mackerel Behavior and Cod Recruitment on the Faroe Plateau - Leikluturin hjá djóraæti í atferð hjá makreli og tilgongd av toski á Landgrunninum**

Vang, H. B. M. (PI), Gaard, E. (PI), Hátun, H. (PI), Jacobsen, J. A. (PI), Eliassen, S. K. (PI) & Jacobsen, S. (PI)

1/01/17 → 31/12/17