

Publiserte artikler i vitenskapelige tidsskrifter med referee

Hjellvik, V., Godø, O.R. and Tjøstheim, D. 2004a. Diurnal variation in acoustic densities: why do we see less in the dark? *Canadian Journal of Fisheries and Aquatic Sciences* 61, 2237-2254.

Hjellvik, V., Godø, O.R. and Tjøstheim, D. 2004b. Decomposing and explaining the variability of bottom trawl survey data from the Barents Sea. *Sarsia* 89, 196-210.

Johnsen, E. 2003. Improving the precision of length frequency distribution estimates from trawl surveys by including spatial covariance –using Namibian *Merluccius capensis* as an example. *Fisheries Research* 62: 7-20.

Innsendte artikler i vitenskapelige tidsskrifter med referee

Hjellvik, V., Godø, O.R. and Tjøstheim, D. Can the precision of bottom trawl indices be increased by using simultaneously collected acoustic data? The Barents Sea experience. Submitted to *Canadian Journal of Fisheries and Aquatic Sciences*.

Hjellvik, V. DIVA V2.4.0.1. An R-application for calculating and adjusting for diurnal variation of marine populations. Submitted to *Journal of Statistical Software*.

Hjellvik, V., Godø, O.R. and Tjøstheim, D. Can the precision of bottom trawl indices be increased by using simultaneously collected acoustic data? The Barents Sea experience. Submitted to *Canadian Journal of Fisheries and Aquatic Sciences*.

Hjellvik, V. DIVA V2.4.0.1. An R-application for calculating and adjusting for diurnal variation of marine populations. Submitted to *Journal of Statistical Software*.

Johnsen, E. and Godø, O. R. 2006. Diurnal variations in acoustic records of blue whiting (scientific name). Submitted to *ICES Journal of Marine Science*.

Johnsen, E. and Skaret, G. Mass formations in giant fish shoals founded in conflicting motivation. Rejected *Nature*

Johnsen, E. and Iilende, T. Diurnal variation in commercial CPUE and survey catch rates. Can fishery data improve Namibian hake survey estimates? Submitted to *Fisheries Research*

Publiserte foredrag fra internasjonale møter/konferanser

Johnsen, E. 2004. A visualization of the spatial and temporal dynamics in the Namibian hake trawl fishery – a tool to understand the complexity of a fishery. In: Nishida, T., Kailola, P.J., and Hollingworth, C.E. (Eds.). *GIS/Spatial Analyses in Fishery and Aquatic Sciences (Vol. 2)*. Fishery-Aquatic GIS Research Group, Saitama, Japan. 735pp.

Øvrige rapporter, foredrag og presentasjoner

- Godø, O.R., Hjellvik, V. and Tjøstheim, D. 2006. Diurnal variation in frequency response of gadoids in the Barents Sea. ICES CM 2006/I:23. 9pp.
- Hjellvik, V., Godø, O.R. and Tjøstheim, D. 2006. Can the precision of bottom trawl indices be increased by using simultaneously collected acoustic data? The Barents Sea experience. ICES CM 2006/I:35 (poster).
- Godø, O. R. 2006. Innovative marine acoustics a response to the ecosystems approach. IN Jesus, S.M., Carvoeiro, O.C.R. (Eds.) Proceedings of the Eighth European Conference on Underwater Acoustics, 8th ECUA, Portugal 12-15 June, 2006. (Keynote lecture)
- Godø O.R. 2006. Å tenke stort i kaldt vann - bærekraftig høsting og bruk av havet. Invitert foredrag ved fiskeridagene 6 mars 2006 ved Distriktshøyskolen i Bodø. (Invitert foredrag)
- Johnsen, E. and Godø, O. R. 2005. Diurnal variation in vertical distribution and acoustic density of Blue whiting. Underwater Acoustic Measurements - Technologies and Results. International Conference 28 June – 1 July, Heraklion, Crete.
- Hjellvik, V. 2005. Presentasjon av DIVA for forskarar ved HI. 9. desember.
- Godø, O.R., Hjellvik, V., Greig, T., and Beare, D. 2004. Can subjective evaluation of echograms improve correlation between bottom trawl and acoustic densities? ICES CM 2004/ R:23 (poster).
- Handegard, N.O., Hjellvik, V. 2004. A vessel specific bias in echo sounder recordings during trawling. ICES CM 2004/R:35 (poster).
- Hjellvik, V., Godø, O.R. and Tjøstheim, D. 2004. Diurnal variation in acoustic densities: why do we see less in the dark? ICES CM 2004/R:33 (poster).
- Johnsen, E. 2004. Diurnal variation models of bottom trawl survey catches parameterised by using commercial CPUE data. ICES CM 2004/R:18 (poster).