Anders Nielsen - Research outputs - DTU Orbit (24/10/2019)

Åleynge foretrækker stenede bundtyper
Christoffersen, M., Svendsen, J. C., Kuhn, J., Nielsen, A. & Støttrup, J. G., 2018
Research output: Other contribution › Net publication - Internet publication – Annual report year: 2018 › Communication

Benthic habitat selection in juvenile European eel Anguilla anguilla: implications for coastal habitat management and restoration
Research output: Contribution to journal › Journal article – Annual report year: 2018 › Research › peer-review

Growth and food consumption of whiting Merlangius merlangus
Research output: Contribution to journal › Journal article – Annual report year: 2018 › Research › peer-review

Response to: Comments on incongruous formulations in the SAM (state-space assessment model) model and consequences for fish stock assessment
Nielsen, A. & Berg, C. W., 2018, In : Fisheries Research. 210, p. 228-229
Research output: Contribution to journal › Comment/debate – Annual report year: 2018 › Research › peer-review

Review of State-Space Models for Fisheries Science
Research output: Contribution to journal › Journal article – Annual report year: 2018 › Research › peer-review

A spatiotemporal model for snow crab (Chionoecetes opilio) stock size in the southern Gulf of St. Lawrence
Research output: Contribution to journal › Journal article – Annual report year: 2017 › Research › peer-review

Choosing the observational likelihood in state-space stock assessment models
Research output: Contribution to journal › Journal article – Annual report year: 2017 › Research › peer-review

Connecting single-stock assessment models through correlated survival
Research output: Contribution to journal › Journal article – Annual report year: 2017 › Research › peer-review

AICcmodavg balances speed and flexibility among packages for Zero-inflated Generalized Linear Mixed Modeling
Research output: Contribution to journal › Journal article – Annual report year: 2018 › Research › peer-review

Validation of ecological state space models using the Laplace approximation
Research output: Contribution to journal › Journal article – Annual report year: 2017 › Research › peer-review

Accounting for correlated observations in an age-based state-space stock assessment model
Research output: Contribution to journal › Journal article – Annual report year: 2016 › Research › peer-review
Simulation testing the robustness of stock assessment models to error: some results from the ICES strategic initiative on stock assessment methods
Research output: Contribution to journal › Journal article – Annual report year: 2014 › Research › peer-review

Sustainable development of the Nephrops fishery in the Kattegat-Skagerrak region
Research output: Book/Report › Report – Annual report year: 2015 › Research

The history of cod in Greenland: A major fishery collapse explained by archived DNA
Research output: Contribution to conference › Conference abstract for conference – Annual report year: 2015 › Research

Depth preference in released juvenile turbot Psetta maxima
Research output: Contribution to journal › Journal article – Annual report year: 2014 › Research › peer-review

Effects of dietary fatty acids on the production and quality of eggs and larvae of Atlantic cod (Gadus morhua L.)
Research output: Contribution to journal › Journal article – Annual report year: 2014 › Research › peer-review

Estimation of time-varying selectivity in stock assessments using state-space models
Research output: Contribution to journal › Journal article – Annual report year: 2014 › Research › peer-review

Evaluation of alternative age-based methods for estimating relative abundance from survey data in relation to assessment models
Research output: Contribution to journal › Journal article – Annual report year: 2013 › Research › peer-review

Introducing time-varying natural mortality in the length-based assessment model for the Pandalus Borealis stock in ICES Div. Il a and IVa east
Research output: Contribution to conference › Paper – Annual report year: 2014 › Research

Addressing challenges in single species assessments via a simple state-space assessment model.
Research output: Contribution to conference › Conference abstract for conference – Annual report year: 2013 › Research

A stochastic length-based assessment model for the Pandalus stock in Skagerrak and the Norwegian Deep
Research output: Contribution to journal › Conference article – Annual report year: 2014 › Research
Incorporating sea-surface temperature to the light-based geolocation model TrackIt
Research output: Contribution to journal › Journal article – Annual report year: 2010 › Research › peer-review

Movements of olive ridley sea turtles Lepidochelys olivacea and associated oceanographic features as determined by improved light-based geolocation
Research output: Contribution to journal › Journal article – Annual report year: 2010 › Research › peer-review

Lessons from a prototype geolocation problem
Research output: Chapter in Book/Report/Conference proceeding › Book chapter – Annual report year: 2009 › Research › peer-review

Preventing the collapse of the Baltic cod stock through an ecosystem-based management approach
Research output: Contribution to journal › Journal article – Annual report year: 2009 › Research › peer-review

Removing bias in latitude estimated from solar irradiance time series
Research output: Chapter in Book/Report/Conference proceeding › Book chapter – Annual report year: 2009 › Research › peer-review

State space model for light based tracking of marine animals: validation on swimming and diving creatures
Research output: Chapter in Book/Report/Conference proceeding › Book chapter – Annual report year: 2009 › Research › peer-review

Improving light and temperature based geolocation by unscented Kalman filtering
Research output: Contribution to journal › Journal article – Annual report year: 2008 › Research › peer-review

Indirect observation of fish movements: a general methodology applied at different scales
Research output: Contribution to conference › Paper – Annual report year: 2008 › Research

Optimizing smoothed sea surface temperature for improving archival tag geolocation
Galuardi, B., Nielsen, A. & Lutcavage, M., 2008, In : Marine Ecology - Progress Series. 365, p. 35-44
Research output: Contribution to journal › Journal article – Annual report year: 2008 › Research › peer-review

Reconstructing migrations of individual cod (Gadus morhua L.) in the Baltic Sea by using electronic data storage tags
Research output: Contribution to journal › Journal article – Annual report year: 2007 › Research › peer-review

State-space model for light-based tracking of marine animals
Nielsen, A. & Sibert, J. R., 2007, In : Canadian Journal of Fisheries and Aquatic Sciences. 64, 8, p. 1055-1068
Research output: Contribution to journal › Journal article – Annual report year: 2007 › Research › peer-review

Using the particle filter to geolocate Atlantic cod (Gadus morhua) in the Baltic Sea, with special emphasis on determining uncertainty