Zeren Gürkan - Research outputs - DTU Orbit (17/09/2019)

**Sensitivity of Calanus spp. copepods to environmental changes in the North Sea using life-stage structured models**
Research output: Contribution to journal › Journal article – Annual report year: 2012 › Research › peer-review

**Spatio-temporal dynamics of growth and survival of Lesser Sandeel early life-stages in the North Sea: Predictions from a coupled individual-based and hydrodynamic-biogeochemical model**
Gurkan, Z., Christensen, A., Maar, M., Møller, E. F., Madsen, K. S., Munk, P. & Mosegaard, H., 2013, In : Ecological Modelling. 250, p. 294-306
Research output: Contribution to journal › Journal article – Annual report year: 2012 › Research › peer-review

**Towards an integrated forecasting system for fisheries on habitat-bound stocks**
Research output: Contribution to journal › Journal article – Annual report year: 2013 › Research › peer-review

**Towards an integrated forecasting system for pelagic fisheries**
Research output: Contribution to conference › Conference abstract for conference – Annual report year: 2012 › Research

**Towards an integrated forecasting system for pelagic fisheries**
Research output: Contribution to journal › Journal article – Annual report year: 2012 › Research › peer-review

**Towards an integrated forecasting system for pelagic fisheries**
Research output: Contribution to conference › Conference abstract for conference – Annual report year: 2012 › Research

**Generating prey fields for bioenergetic individual‐based modelling of larval and early juvenile cod and sandeel in the North Sea: From: SAHFOS Annual Report 2010**
Research output: Book/Report › Report – Annual report year: 2011 › Research

**Application of eco-exergy for assessment of ecosystem health and development of structurally dynamic models**
Research output: Contribution to journal › Journal article – Annual report year: 2010 › Research › peer-review

**Growth and survival of larval and early juvenile lesser sandeel in patchy prey field in the North Sea: An examination using individual-based modelling**
Gürkan, Z., Christensen, A., Deurs, M. V. & Mosegaard, H., 2010, In : Ecological Modelling. 232, p. 78-90
Research output: Contribution to journal › Journal article – Annual report year: 2010 › Research › peer-review

**Modelling the spatio-temporal dynamics in growth and survival of larval cod and sandeel in the North Sea by using individual-based models integrated with spatially explicit three-dimensional hydrodynamic and biogeochemical models**
Research output: Chapter in Book/Report/Conference proceeding › Conference abstract in proceedings – Annual report year: 2010 › Research

**The effect of patchiness in prey on the growth of larval lesser sandeel in the North Sea: An examination using Individual-Based Modelling**
Gürkan, Z., Christensen, A. & Mosegaard, H., 2010. Research output: Contribution to conference › Conference abstract for conference – Annual report year: 2010 › Research

**The plankton recorder**

**Individual-based modeling of growth and survival of Atlantic cod and lesser sandeel larval and juvenile stages**

**Individual based modeling of growth and survival of Atlantic cod (Gadus morhua) and lesser sandeel (Ammodites marinus) larval stages**
Gürkan, Z., Christensen, A. & Mosegaard, H., 2009. Research output: Contribution to conference › Poster – Annual report year: 2009 › Research

**Development of a structurally dynamic model for forecasting the effects of restoration of Lake Fure, Denmark**

**Structurally dynamic approach in ecological modeling – a sound management tool in restoration of lake ecosystems**