Teunis Jansen - DTU Orbit (21/07/2018)

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National Institute of Aquatic Resources - Senior Researcher

Section for Oceans and Arctic

Publications:

Bioenergetics modeling of the annual consumption of zooplankton by pelagic fish feeding in the Northeast Atlantic
Publication: Research - peer-review › Journal article – Annual report year: 2018

Geographical expansion of Northeast Atlantic mackerel (Scomber scombrus) in the Nordic Seas from 2007 – 2016 was primarily driven by stock size and constrained by low temperatures
Publication: Research - peer-review › Journal article – Annual report year: 2018

Length measurement methods of Atlantic mackerel (Scomber scombrus) and Atlantic horse mackerel (Trachurus trachurus) – current practice, conversion keys and recommendations
Publication: Research - peer-review › Journal article – Annual report year: 2018

Population abundance and seasonal migration patterns indicated by commercial catch-per-unit-effort of hakes (Merluccius capensis and M. paradoxus) in the northern Benguela Current Large Marine Ecosystem
Publication: Research - peer-review › Journal article – Annual report year: 2018

62 years of population dynamics of European perch (Perca fluviatilis) in a mesotrophic lake tracked using angler diaries: The role of commercial fishing, predation and temperature
Publication: Research - peer-review › Journal article – Annual report year: 2017

Fangstjournalen november 2017
Skov, C. & Jansen, T. 2017 In : Sportsfiskeren. 92, 7, p. 56
Publication: Communication › Journal article – Annual report year: 2017

Geostatistical modelling of the spatial life history of post-larval deepwater hake Merluccius paradoxus in the Benguela Current Large Marine Ecosystem
Publication: Research - peer-review › Journal article – Annual report year: 2017

Udbredelsen af blåhvilling (Micromesistious poutassou) omkring Grønland
Post, S. L., Fock, H. & Jansen, T. 2017
Publication: Research › Conference abstract for conference – Annual report year: 2017

When in life does density dependence occur in fish populations?
Andersen, K. H., Jacobsen, N. S., Jansen, T. & Beyer, J. E. 2017 In : Fish and Fisheries. 18, 4, p. 656-667
Publication: Research - peer-review › Journal article – Annual report year: 2016

First-year survival of North East Atlantic mackerel (Scomber scombrus) from 1998 to 2012 appears to be driven by availability of Calanus, a preferred copepod prey
Jansen, T. 2016 In : Fisheries Oceanography. 25, 4, p. 457-469
Migration, distribution and population (stock) structure of shallow-water hake (Merluccius capensis) in the Benguela Current Large Marine Ecosystem inferred using a geostatistical population model

Ocean warming expands habitat of a rich natural resource and benefits a national economy

Quantifying changes in abundance, biomass and spatial distribution of Northeast Atlantic (NEA) mackerel (Scomber scombrus) in the Nordic Seas from 2007 to 2014

Density dependent growth changes through juvenile and early adult life of North East Atlantic Mackerel (Scomber scombrus)
Jansen, T. & Burns, F. 2015 In : Fisheries Research. 169, p. 37-44

Nursery areas and recruitment variation of Northeast Atlantic mackerel (Scomber scombrus) 2014

Spawning patterns of shallow-water hake (Merluccius capensis) and deep-water hake (M. paradoxus) in the Benguela Current Large Marine Ecosystem inferred from gonadosomatic indices

The impact of environmental variability on Atlantic mackerel Scomber scombrus larval abundance to the west of the British Isles

Comparative ecology of widely distributed pelagic fish species in the North Atlantic: Implications for modelling climate and fisheries impacts

Cormorant predation on PIT-tagged lake fish
Skov, C., Jepsen, N., Baktoft H., Jansen, T., Pedersen, S. & Koed, A. 2014 In : Journal of Limnology. 73, 1, p. 177-186

Genudsætning og erhvervsfiskeristop: Vejen til et bedre geddefiskeri
Skov, C., Jansen, T. & Sivebæk, F. 2014 In : Fisk & Fri. 8, p. 52-53
Pseudocollapse and rebuilding of North Sea mackerel (Scomber scombrus)
Publication: Research - peer-review › Journal article – Annual report year: 2013

Population structure of Atlantic Mackerel (Scomber scombrus)
Jansen, T. & Gislason, H. 2013 In : PLoS ONE. 8, 5, p. e64744
Publication: Research - peer-review › Journal article – Annual report year: 2013

Spatial segregation within the spawning migration of North Eastern Atlantic mackerel (Scomber scombrus) as indicated by juvenile growth patterns
Jansen, T., Campbell, A., Brunel, T. & Worsøe Clausen, L. 2013 In : PLoS One. 8, 2, p. e58114
Publication: Research - peer-review › Journal article – Annual report year: 2013

Voluntary angler logbooks reveal long-term changes in a lentic pike, Esox lucius, population
Publication: Research - peer-review › Journal article – Annual report year: 2013

Bottom-up effects of climate on fish populations: data from the Continuous Plankton Recorder
Publication: Research - peer-review › Journal article – Annual report year: 2012

Long-term retrospective analysis of mackerel spawning in the North Sea: A new time series and modeling approach to CPR data
Publication: Research - peer-review › Journal article – Annual report year: 2012

Migration and fisheries of North East Atlantic mackerel (Scomber scombrus) in autumn and winter
Jansen, T., Campbell, A., Kelly, C., Hatun, H. & Payne, M. 2012 In : PLOS ONE. 7, 12, p. e51541
Publication: Research - peer-review › Journal article – Annual report year: 2012

North Sea mackerel or mackerel in the North (Sea)?
Publication: Research › Ph.D. thesis – Annual report year: 2013

Temperature affects the timing of spawning and migration of North Sea mackerel
Jansen, T. & Gislason, H. 2011 In : Continental Shelf Research. 31, 1, p. 64-72
Publication: Research - peer-review › Journal article – Annual report year: 2010

LF's fångster gennem 94 år i Erum Sø bruges i videnskabelig undersøgelse
Jansen, T. 2010 In : Lystfiskeritidende. 122, 1194, p. 17478-17479
Publication: Research › Journal article – Annual report year: 2010

Lystfiskeri og fiskebestande i Erum Sø gennem 94 år
Publication: Research › Book chapter – Annual report year: 2010

Definition of standard data exchange format for samplings, landings and effort data from commercial fisheries
Publication: Research › Report – Annual report year: 2009
IBTS bottom trawl survey CPUE index for sprat (Sprattus sprattus) abundance estimation evaluated by simultaneous acoustic observations
Publication: Research › Article in proceedings – Annual report year: 2009

Northeast Atlantic mackerel - Quality handbook for assessment
Publication: Research › Article in proceedings – Annual report year: 2009

Report from the international meeting on mackerel distribution and migration in the northeast Atlantic, Bergen 31 March – 2 April 2009
Publication: Research › Report – Annual report year: 2009

FishFrame 5.0: A web based datawarehouse application for management, access and integration of fisheries and stock assessment data
Publication: Research › Conference article – Annual report year: 2008

IBTS Q1 Sprat (Sprattus sprattus) index calculation algorithm. Implementation in R and comparison with the index used in assessment
Publication: Research › Conference article – Annual report year: 2008

FishFrame: Fisheries and stock assessment data framework
Publication: Research › Conference article – Annual report year: 2006

FishFrame. Estimation of discard using FishFrame 4.2
Jansen, T. & Degel, H. 2006
Publication: Research › Poster – Annual report year: 2006

InterCatch - a tool for fish stock assessment, status and methods
Publication: Research › Conference article – Annual report year: 2006

Akustik til bestemmelse af bestandstørrelser af sild
Lundgren, B. & Jansen, T. 2005
Publication: Research › Poster – Annual report year: 2005

FishFrame Baltic Sea.: Status and documentation of web application, tests and calculations
Jansen, T. & Degel, H. 2005 In : ICES Council Meeting. WD12
Publication: Research › Conference article – Annual report year: 2005

InterCatch – New fisheries and stock assessment data processing and documentation system
Publication: Research › Conference article – Annual report year: 2005

BaltCom Datawarehouse: Online data mining using MS Analysis Services
FishFrame - Fisheries Stock Assessment Framework. Description of web application, calculations and use.

Use of XML technology in the Baltic Sea fisheries database

BaltCom - Baltic Sea Commercial Catch Database: Description of web application, calculation and use

Anamixidae (Amphipoda: Crustacea) from the Andaman Sea, north-eastern Indian ocean

A taxonomic revision of Westwoodilla Bate, 1862 (Amphipoda: Crustacea) including descriptions of 2 new species
Jansen, T. 2002 In : Steenstrupia. 27, 1, p. 83-136

Changes through time in macrofaunal composition on the Dogger Bank in the North Sea

Equipment for the sampling of bentic macrofauna: A comparison between a 2m beamtrawl and a 0.1 m2 van Veen grab

Projects:

Capelin Migration and Stock Structure using Otolith Microchemistry
Fink-Jensen, P., Hüssy, K. & Jansen, T.
01/06/2017 → 31/05/2020
Project: PhD

Blue whiting (Micromesistius poutassou): behaviour and distribution in Greenland waters
Post, S. L., Jansen, T., Balk, H. & Hedeholm, R. B.
01/03/2016 → 28/02/2020
Project: PhD

Assessment of a mixed hake stocks off Namibia
15/12/2012 → 26/09/2017
Project: PhD

North Sea Mackerel or Mackerel in the North (Sea)?
Jansen, T., Gislason, H., MacKenzie, B., Sparholt, H. & Villamor, B.
01/08/2012 → 21/11/2012
Project: PhD
Activities:

**ICES - Ad Hoc Group on the Distribution and Migration of Northeast Atlantic Mackerel - AGDMM2 (External organisation)**
Jansen, T. (Participant)
2012 → …
Activity: Membership › Membership of committees, commissions, boards, councils, associations, organisations, or similar

**ICES - Working Group on Widely Distributed Stocks - WGWIDE (External organisation)**
Jansen, T. (Participant)
2012 → …
Activity: Membership › Membership of committees, commissions, boards, councils, associations, organisations, or similar