Publications:

A stochastic surplus production model in continuous time
Publication: Research - peer-review › Journal article – Annual report year: 2016

Avoiding pitfalls in interdisciplinary education
Publication: Research - peer-review › Journal article – Annual report year: 2018

Migration patterns of the Faroe Plateau cod (Gadus morhua, L.) revealed by data storage tags
Publication: Research - peer-review › Journal article – Annual report year: 2017

Historical DNA documents long distance natal homing in marine fish
Publication: Research - peer-review › Journal article – Annual report year: 2016

Trends in marine climate change research in the Nordic region since the first IPCC report
Publication: Research - peer-review › Journal article – Annual report year: 2015

Validation of state-space models using Template Model Builder
Publication: Research › Conference abstract for conference – Annual report year: 2016

High-precision, low-cost animal positioning in passive acoustic telemetry
Publication: Research › Conference abstract for conference – Annual report year: 2015

Movements, migrations and space use of fish in the North Sea in relation to offshore wind farms
Publication: Research › Conference abstract for conference – Annual report year: 2015

Performance assessment of two whole-lake acoustic positional telemetry systems - is reality mining of free-ranging aquatic animals technologically possible?
Publication: Research - peer-review › Journal article – Annual report year: 2015

RevFisk – et projekt som kvantificerer stenrevs betydning for fisk
Publication: Research › Poster – Annual report year: 2015

RevFisk – et projekt som kvantificerer stenrevs (et lavliggende stenrev i den fotiske zone og et dybere liggende stenrev i den afotiske zone) betydning for fisk
Publication: Research › Conference abstract for conference – Annual report year: 2015

Umbrella species in marine systems: using the endangered humphead wrasse to conserve coral reefs
Publication: Research - peer-review › Journal article – Annual report year: 2015
What are the major global threats and impacts in marine environments? Investigating the contours of a shared perception among marine scientists from the bottom-up
Publication: Research - peer-review › Journal article – Annual report year: 2015

A quantitative approach to static sensor network design
Publication: Research - peer-review › Journal article – Annual report year: 2014

Modelling group dynamic animal movement
Publication: Research - peer-review › Journal article – Annual report year: 2014

Analysing migrations of Atlantic cod Gadus morhua in the north-east Atlantic Ocean: Then, now and the future
Publication: Research - peer-review › Journal article – Annual report year: 2013

A state-space model for estimating detailed movements and home range from acoustic receiver data
Publication: Research › Conference abstract for conference – Annual report year: 2013

Effects of angling and manual handling on pike behaviour investigated by high-resolution positional telemetry
Publication: Research - peer-review › Journal article – Annual report year: 2013

Estimating individual animal movement from observation networks
Publication: Research - peer-review › Journal article – Annual report year: 2015

Marine climate change research in Nordic regions: recent trends and current state
Publication: Research › Poster – Annual report year: 2013

State-space models for bio-loggers: A methodological road map
Publication: Research - peer-review › Journal article – Annual report year: 2012

Can metabolic properties explain variation in individual behaviour?
Publication: Research › Conference abstract for conference – Annual report year: 2011

Can metabolic properties explain variation in individual behaviour? Attempting to link physiology and morphology with field behavior
Publication: Research › Conference abstract for conference – Annual report year: 2011

Estimating animal behaviour and residency from movement data
Publication: Research - peer-review › Journal article – Annual report year: 2011

Estimation methods for nonlinear state-space models in ecology
Publication: Research - peer-review › Journal article – Annual report year: 2011

Individual based population inference using tagging data
Publication: Research › Conference abstract for conference – Annual report year: 2011

Movement patterns of yellowfin tuna in the Coral Sea region: defining connectivity with stocks in the western Pacific Ocean region
Publication: Research › Report – Annual report year: 2011

Nonlinear tracking in a diffusion process with a Bayesian filter and the finite element method
Publication: Research - peer-review › Journal article – Annual report year: 2011
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<tr>
<th>Title</th>
<th>Publication Type</th>
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<tr>
<td>Performance of a wireless acoustic telemetry system in a natural lake: the role of data processing and habitat structure</td>
<td>Research › Conference abstract for conference</td>
<td>2011</td>
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<td>Hidden Markov modelling of movement data from fish</td>
<td>Research › Ph.D. thesis</td>
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<td>Individual based population inference using tagging data</td>
<td>Research › Report</td>
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<td>Estimating spatially and temporally dependent behaviour switching of tagged marine animals</td>
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<td>Geolocating fish using Hidden Markov Models and Data Storage Tags</td>
<td>Research › Book chapter</td>
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<td>New insights in pike behaviour using 2D/3D telemetry</td>
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<td>Geolocation of North Sea cod (Gadus morhua) using Hidden Markov Models and behavioural switching</td>
<td>Research › Journal article</td>
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<td>Increasing confidence in tidal-based geolocation models by including temperature information: the case of cod in the northern North Sea</td>
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<td>Indirect observation of fish movements: a general methodology applied at different scales</td>
<td>Research › Paper</td>
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<td>Spatial dynamics of Atlantic cod (Gadus morhua) in the North Sea: results from a large-scale electronic tagging programme</td>
<td>Research › Conference article</td>
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<td>An alternative geolocation method using Hidden Markov Models</td>
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<td>Projects:</td>
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<td>Improvement of the foundation for stock assessment for data limited stocks with importance for Danish fishery (39310)</td>
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<td>Tender for scientific support to the Saudi Arabian fisheries sector (SaudiTender I) (39153)</td>
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<td>Statistical modelling of tagging data from marine animals</td>
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<td>ICES - Benchmark Workshop on Baltic Cod Stocks - WKBALTCOD (External organisation)</td>
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