Research outputs:

**Acute hyperoxia induces systemic responses with no major changes in peripheral tissues in the Senegalese sole (Solea senegalensis Kaup, 1858)**
Research output: Research - peer-review › Journal article – Annual report year: 2018

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

**Environmental benefits of leaving offshore infrastructure in the ocean**
Research output: Research - peer-review › Journal article – Annual report year: 2018

**Environmental calcium and variation in yolk sac size influence swimming performance in larval lake sturgeon (Acipenser fulvescens)**
Research output: Research - peer-review › Journal article – Annual report year: 2018

**Evidence of cormorant-induced mortality, disparate migration strategies and repeatable circadian rhythm in the endangered North Sea houting (Coregonus oxyrinchus): A telemetry study mapping the postspawning migration**
Research output: Research - peer-review › Journal article – Annual report year: 2018

**Individual variation in aerobic scope affects modeled vertical foraging migration in Atlantic cod Gadus morhua, but only in moderate hypoxia**
Research output: Research - peer-review › Journal article – Annual report year: 2018

**World Heritage Site fish faces extinction**
Research output: Research - peer-review › Letter – Annual report year: 2018

**Behavioural changes of Atlantic cod (Gadus morhua) after marine boulder reef restoration: Implications for coastal habitat management and Natura 2000 areas**
Research output: Research - peer-review › Journal article – Annual report year: 2017

**Effect of nanosilver on metabolism in rainbow trout (Oncorhynchus mykiss): An investigation using different respirometric approaches**
Research output: Research - peer-review › Journal article – Annual report year: 2017

**Effects of acoustic telemetry transmitters on gill ventilation rate and haematocrit levels of round goby Neogobius melanostomus**
Research output: Research - peer-review › Journal article – Annual report year: 2017
Effects of dietary Gracilaria sp. and Alaria sp. supplementation on growth performance, metabolic rates and health in meagre (Argyrosomus regius) subjected to pathogen infection
Research output: Research - peer-review › Journal article – Annual report year: 2016

Effects of low-oxygen conditions on embryo growth in the painted turtle, Chrysemys picta
Research output: Research - peer-review › Journal article – Annual report year: 2017

Erfaringsopsamling med kirurgisk implantering af akustiske transmittere i sortmundet kutling (Neogobius melanostomus)
Research output: Research › Conference abstract for conference – Annual report year: 2017

Erfaringsopsamling med kirurgisk implantering af akustiske transmittere i sortmundet kutling
Research output: Research › Conference abstract for conference – Annual report year: 2017

Flere stenrev giver flere torsk
Research output: Communication › Net publication - Internet publication – Annual report year: 2017

Hvornår er der faglige grunde til rehabilitering af sæler?
Research output: Research › Journal article – Annual report year: 2017

If you can't beat them, eat them: using acoustic telemetry to develop an economically viable fishery for the highly invasive round goby (Neogobius melanostomus)
Research output: Research › Conference abstract for conference – Annual report year: 2017

Is the osmorespiratory compromise limiting invasive species?
Research output: Research › Conference abstract for conference – Annual report year: 2017

Lakselus kan måske komme til at udgøre en trussel mod danske bestande af vilde laksefisk
Research output: Research › Journal article – Annual report year: 2017

Intraspecific variation in aerobic and anaerobic locomotion: gilthead sea bream (Sparus aurata) and Trinidadian guppy (Poecilia reticulata) do not exhibit a trade-off between maximum sustained swimming speed and minimum cost of transport
Research output: Research - peer-review › Book chapter – Annual report year: 2017

Møde om havørreder i Roskilde Fjord 18. november 2017
Research output: Communication › Net publication - Internet publication – Annual report year: 2017

Møde om pighvarrer i Roskilde Fjord 15. februar 2017
Research output: Communication › Net publication - Internet publication – Annual report year: 2017

Movement patterns of seaward migrating European eel (Anguilla anguilla) at a complex of riverine barriers: implications for conservation
Research output: Research - peer-review › Journal article – Annual report year: 2015

Muligheder ved ændret mindstemål og indførelse af vinduesmål for pighvarre (Scophthalmus maximus)
Research output: Research › Journal article – Annual report year: 2017

Pighvarrens vandring i Roskilde Fjord
Research output: Communication › Net publication - Internet publication – Annual report year: 2017
Pighvars vandring i Roskilde Fjord
Research output: Communication › Journal article – Annual report year: 2017

Reconciling agriculture and stream restoration in Europe: A review relating to the EU Water Framework Directive
Research output: Research - peer-review › Review – Annual report year: 2017

Respirometry increases cortisol levels in rainbow trout Oncorhynchus mykiss: implications for measurements of metabolic rate
Research output: Research - peer-review › Journal article – Annual report year: 2017

Restoration of a boulder reef in temperate waters: Strategy, methodology and lessons learnt
Research output: Research - peer-review › Journal article – Annual report year: 2017

Sortmuntet kutling (Neogobius melanostomus) spreder sig på bekostning af hjemmehørende danske arter
Research output: Communication › Journal article – Annual report year: 2017

Udsatte pighvarrer lader til at blive i Roskilde Fjord
Research output: Communication › Net publication - Internet publication – Annual report year: 2017

Conservation physiology of marine fishes: state of the art and prospects for policy
Research output: Research - peer-review › Review – Annual report year: 2016

Cormorant predation of the highly endagered North Sea houting in river Vidaa, Denmark
Research output: Research › Poster – Annual report year: 2016

Diets supplemented with seaweed affect metabolic rate, innate immune, and antioxidant responses, but not individual growth rate in European seabass (Dicentrarchus labrax)
Research output: Research - peer-review › Journal article – Annual report year: 2015

Konflikt mellem skarv og den udryddelsestruede snæbel
Research output: Communication › Net publication - Internet publication – Annual report year: 2016

Laksens liv
Research output: Communication › Book – Annual report year: 2016

Linking reproduction, locomotion, and habitat use in the Trinidadian guppy (Poecilia reticulata)
Research output: Research - peer-review › Journal article – Annual report year: 2016

Marin fiskepleje – Forskning i fiskenes levesteder
Research output: Research › Poster – Annual report year: 2016

Marin fiskepleje – Forskning i fiskenes levesteder
Research output: Research › Poster – Annual report year: 2016

Marin Fiskepleje – Hvad er fiskepleje?
Research output: Research › Poster – Annual report year: 2016

Marin Fiskepleje – Hvad er fiskepleje?
Research output: Research › Poster – Annual report year: 2016

Measuring maximum and standard metabolic rates using intermittent-flow respirometry: a student laboratory investigation of aerobic metabolic scope and environmental hypoxia in aquatic breathers
Partitioning the metabolic scope: the importance of anaerobic metabolism and implications for the oxygen- and capacity-limited thermal tolerance (OCLTT) hypothesis
Research output: Research - peer-review › Journal article – Annual report year: 2016

Phenotypic differences between the sexes in the sexually plastic mangrove rivulus fish (Kryptolebias marmoratus)
Research output: Research - peer-review › Journal article – Annual report year: 2016

Phenotypic variation in metabolism and morphology correlating with animal swimming activity in the wild: relevance for the OCLTT (oxygen- and capacity-limitation of thermal tolerance), allocation and performance models
Research output: Research - peer-review › Journal article – Annual report year: 2016

Progressive hypoxia decouples activity and aerobic performance of skate embryos
Research output: Research - peer-review › Journal article – Annual report year: 2016

Snaeblens tilbagegang i Anthropocæn
Research output: Research › Journal article – Annual report year: 2016

Spatial ecology of blue shark and shortfin mako in southern Peru: local abundance, habitat preferences and implications for conservation
Research output: Research - peer-review › Journal article – Annual report year: 2016

Development of salinity tolerance in the endangered anadromous North Sea houting Coregonus oxyrinchus: Implications for conservation measures
Research output: Research - peer-review › Journal article – Annual report year: 2015

Effects of temperature on specific dynamic action in Atlantic cod Gadus morhua
Research output: Research - peer-review › Journal article – Annual report year: 2015

Geospatial modeling of the Birch River: Distribution of Carmine Shiner (Notropis percobromus) in Geomorphic Response Units (GRU): Carmine Shiner distribution in GRUs
Research output: Research - peer-review › Journal article – Annual report year: 2015

Is warm-up important in fish locomotion? Recovery from anaerobic metabolism during exercise in striped surfperch Embiotoca lateralis
Research output: Research › Conference abstract for conference – Annual report year: 2015

Intraspecific variation in aerobic and anaerobic locomotion: gilthead sea bream (Sparus aurata) and Trinidadian guppy (Poecilia reticulata) do not exhibit a trade-off between maximum sustained swimming speed and minimum cost of transport
Research output: Research - peer-review › Journal article – Annual report year: 2015

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

Phenotypic variation in metabolism and morphology correlating with fish movements in the wild: a study combining respirometry and telemetry
Research output: Research › Conference abstract for conference – Annual report year: 2015

Survival and progression rates of anadromous brown trout kelts Salmo trutta during downstream migration in freshwater and at sea
Research output: Research - peer-review › Journal article – Annual report year: 2015
Calcium-dependent behavioural responses to acute copper exposure in Oncorhynchus mykiss
Research output: Research - peer-review › Journal article – Annual report year: 2014

Evidence of circadian rhythm, oxygen regulation capacity, metabolic repeatability and positive correlations between forced and spontaneous maximal metabolic rates in Lake Sturgeon Acipenser fulvescens
Research output: Research - peer-review › Journal article – Annual report year: 2014

Fish and chips - undersøgelser af snæblens (Coregonus oxyrinchus) tilpasninger til det lokale miljø
Research output: Communication › Book chapter – Annual report year: 2014

Laboratory experiments demonstrate that bubble curtains can effectively inhibit movement of common carp
Research output: Research - peer-review › Journal article – Annual report year: 2014

Muddied waters: suspended sediment impacts on gill structure and aerobic scope in an endangered native and an invasive freshwater crayfish
Research output: Research - peer-review › Journal article – Annual report year: 2013

The physiological basis of the migration continuum in brown trout (Salmo trutta)
Research output: Research - peer-review › Journal article – Annual report year: 2014

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

Effects of intraspecific variation in reproductive traits, pectoral fin use and burst swimming on metabolic rates and swimming performance in the Trinidadian guppy (Poecilia reticulata)
Research output: Research - peer-review › Journal article – Annual report year: 2013

Excess post-hypoxic oxygen consumption is independent from lactate accumulation in two cyprinid fishes
Research output: Research - peer-review › Journal article – Annual report year: 2013

Local adaptation to altitude underlies divergent thermal physiology in tropical killifishes of the genus Aphyosemion
Research output: Research - peer-review › Journal article – Annual report year: 2013

Aspects of lentic fish behaviour studied with high resolution positional telemetry
Research output: Research › Ph.D. thesis – Annual report year: 2012

Excess posthypoxic oxygen consumption in rainbow trout (Oncorhynchus mykiss); recovery in normoxia and hypoxia
Research output: Research - peer-review › Journal article – Annual report year: 2011

Ontogenetic differentiation of swimming performance and behaviour in relation to habitat availability in the endangered North Sea houting (Coregonus oxyrinchus)
Research output: Research - peer-review › Journal article – Annual report year: 2012

Seasonal and diel effects on the activity of northern pike studied by high-resolution positional telemetry
Research output: Research - peer-review › Journal article – Annual report year: 2012

Snæblen – den lange kamp for overlevelse
Research output: Communication › Journal article – Annual report year: 2012

Behaviour of rainbow trout Oncorhynchus mykiss presented with a choice of normoxia and stepwise progressive hypoxia
Research output: Research - peer-review › Journal article – Annual report year: 2011
Can metabolic properties explain variation in individual behaviour?
Research output: 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
Research output: Research › Conference abstract for conference – Annual report year: 2011

Linking individual behaviour and migration success in Salmo salar smolts approaching a water withdrawal site: implications for management
Research output: Research - peer-review › Journal article – Annual report year: 2011

Effects of a surface oriented travelling screen and water abstraction practices on downstream migrating Salmonidae smolts in a lowland stream
Research output: Research - peer-review › Journal article – Annual report year: 2010

Effects of food deprivation on refuge use and dispersal in juvenile North Sea houting Coregonus oxyrinchus under experimental conditions
Research output: Research - peer-review › Journal article – Annual report year: 2010

Et studium af svømmeevner og adfærd hos yngel af nordøskabel (Coregonus oxyrinchus L.)
Research output: Research › Journal article – Annual report year: 2011

Partition of aerobic and anaerobic swimming costs related to gait transitions in a labriform swimmer
Research output: Research - peer-review › Journal article – Annual report year: 2010

Survival and progression rates of large European silver eel Anguilla anguilla in late freshwater and early marine phases
Research output: Research - peer-review › Journal article – Annual report year: 2010

Behavioural alarm and avoidance responses to copper in rainbow trout (Oncorhynchus mykiss): The effect of calcium
Research output: Research - peer-review › Conference abstract in journal – Annual report year: 2009

Linking reproduction, swimming performance, and habitat use in the Trinidadian guppy, Poecilia reticulata
Research output: Research › Poster – Annual report year: 2009

New insights in pike behaviour
Research output: Research › Conference abstract for conference – Annual report year: 2009

New insights in pike behaviour using 2D/3D telemetry
Research output: Research › Conference abstract for conference – Annual report year: 2009

Organochlorine fingerprinting to determine foraging areas of sea-ranched Atlantic salmon: A case study from Denmark
Research output: Research - peer-review › Journal article – Annual report year: 2009

Pectoral fin beat frequency predicts oxygen consumption during spontaneous activity in a labriform swimming fish (Embiotoca lateralis)
Research output: Research - peer-review › Journal article – Annual report year: 2009

The volitional travel speed varies with reproductive state in mature female brown trout Salmo trutta
Research output: Research - peer-review › Journal article – Annual report year: 2009
Survival and behaviour of European silver eel in late freshwater and early marine phase during spring migration
Research output: Research - peer-review › Journal article – Annual report year: 2008

Evidence for non-random spatial positioning of migrating smolts (Salmonidae) in a small lowland stream
Research output: Research - peer-review › Journal article – Annual report year: 2007

Use of a novel acoustic dissolved oxygen transmitter for fish telemetry
Research output: Research - peer-review › Journal article – Annual report year: 2006

The angle of attack of the body of common bream while swimming at different speeds in af flume tank
Research output: Research - peer-review › Journal article – Annual report year: 2005

Factors influencing the spawning migration of female anadromous brown trout
Research output: Research - peer-review › Journal article – Annual report year: 2004

Intra-school positional preference and reduced tail beat frequency in trailing positions in schooling roach under experimental conditions
Research output: Research - peer-review › Journal article – Annual report year: 2003

Ørredyngel dræber ørredyngel
Research output: Research › Journal article – Annual report year: 2002

Projects:

Marine forests (39470)
Project: Research

Marine fisheries and habitat restoration
Project: PhD

Other pressure factors in the marine environment than nutrients (39529)
Project: Research

Forbedring af forvaltningsgrundlaget for bestande i det rekreative fiskeri (39370)
Project: Research

FishHab-II (39345)
Project: Research

Coastal mussel banks: The importance for the fish fauna and possibilities for habitat restoration (MusFisk) (39133)
Project: Research

Behaviour of lake-dwelling fish
Project: PhD