

Mikkel Boel - DTU Orbit (10/08/2016)

Boel, Mikkel

mbso@aqu.dtu.dk

National Institute of Aquatic Resources - Postdoc, Former

Publications:

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

Baktoft, H., Jacobsen, L., Skov, C., Koed, A., Jepsen, N., Berg, S., Boel, M., Aarestrup, K. & Svendsen, J. C. 2016 In : Conservation Physiology. 4, 1

Publication: Research - peer-review › Journal article – Annual report year: 2016

An experimental field evaluation of winter carryover effects in semi-anadromous Brown trout (*Salmo trutta*)

Midwood, J. D., Larsen, M. H., Boel, M., Aarestrup, K. & Cooke, S. J. 2015 In : Journal of Experimental Zoology. Part A: Ecological Genetics and Physiology (Print). 323, 9, p. 645-654

Publication: Research - peer-review › Journal article – Annual report year: 2015

De fedeste ørredsmolt vandrer længst

Boel, M. & Koed, A. 2014 .

Publication: Communication › Internet publication – Annual report year: 2014

Does cortisol manipulation influence outmigration behaviour, survival and growth of sea trout? A field test of carryover effects in wild fish

Midwood, J. D., Larsen, M. H., Boel, M., Jepsen, N., Aarestrup, K. & Cook, S. J. 2014 In : Marine Ecology Progress Series. 496, p. 135-144

Publication: Research - peer-review › Journal article – Annual report year: 2014

Skarv og fiskehejre æder mange ørreder i Hald Sø

Boel, M. & Koed, A. 2014 .

Publication: Communication › Internet publication – Annual report year: 2014

The physiological basis of the migration continuum in brown trout (*Salmo trutta*)

Boel, M., Aarestrup, K., Baktoft, H., Larsen, T., Madsen, S. S., Malte, H., Skov, C., Svendsen, J. C. & Koed, A. 2014 In : Physiological and Biochemical Zoology. 87, 2, p. 334-345

Publication: Research - peer-review › Journal article – Annual report year: 2014

Effects of angling and manual handling on pike behaviour investigated by high-resolution positional telemetry

Baktoft, H., Aarestrup, K., Berg, S., Boel, M., Jacobsen, L., Koed, A., Pedersen, M. W., Svendsen, J. C. & Skov, C. 2013 In : Fisheries Management and Ecology. 20, 6, p. 518-525

Publication: Research - peer-review › Journal article – Annual report year: 2013

Smolttabet i Årslev Engsø: En sammenligning af den nydannede engsø i 2004 og den etablerede engsø i 2011

Boel, M. & Koed, A. 2013 Charlottenlund: DTU Aqua. Institut for Akvatiske Ressourcer. 37 p. (DTU Aqua-rapport; No. 260-2013).

Publication: Research › Report – Annual report year: 2013

Life history types and strategies: Case studies on brown trout (*Salmo trutta*) and alewives (*Alosa pseudoharengus*), involving physiological differences and interspecific interactions

Boel, M. & Koed, A. 2012 Technical University of Denmark, National Institute of Aquatic Resources. 133 p.

Publication: Research › Ph.D. thesis – Annual report year: 2012

Seasonal and diel effects on the activity of northern pike studied by high-resolution positional telemetry

Baktoft, H., Aarestrup, K., Berg, S., Boel, M., Jacobsen, L., Jepsen, N., Koed, A., Svendsen, J. C. & Skov, C. 2012 In : Ecology of Freshwater Fish. 21, 3, p. 386-394

Publication: Research - peer-review › Journal article – Annual report year: 2012

Visibility conditions and diel period affect small-scale spatio-temporal behaviour of pike *Esox lucius* in the absence of prey and conspecifics

Nilsson, P. A., Baktoft, H., Boel, M., Meier, K., Jacobsen, L., Rokkjær, E. M., Clausen, T. & Skov, C. 2012 In : Journal of Fish Biology. 80, 6, p. 2384-2389

Publication: Research - peer-review › Journal article – Annual report year: 2012

Can metabolic properties explain variation in individual behaviour?

Baktoft, H., Jacobsen, L., Sørensen, M. B., Pedersen, M. W., Jepsen, N., Koed, A., Skov, C., Berg, S., Aarestrup, K. & Svendsen, J. C. 2011

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

Baktoft, H., Jacobsen, L., Boel, M., Pedersen, M. W., Jepsen, N., Koed, A., Skov, C., Berg, S., Aarestrup, K. & Svendsen, J. C. 2011

Publication: Research › Conference abstract for conference – Annual report year: 2011

Ny viden på vej om ørredbestanden i Hald Sø

Sørensen, M. B., Meier, K. & Sivebæk, F. 2009 In : www.fiskepleje.dk.

Publication: Research › Journal article – Annual report year: 2009

Projects:

Scaling of individual trout behaviour and life history to population dynamics

Boel, M., Koed, A., Aarestrup, K., Skov, C., Jacobsen, L., Moore, A. & Thorstad, E. B.

01/01/2009 → 25/04/2012

Project: PhD

Behavior and recruitment biology of lake trout with special emphasis on the effect of cormorant predation on smolt survival (38271)

Koed, A. & Boel, M.

01/01/2008 → 31/03/2013

Project