

OMICS Group



OMICS Group International through its Open Access Initiative is committed to make genuine and reliable contributions to the scientific community. OMICS Group hosts over **400** leading-edge peer reviewed Open Access Journals and organizes over **300** International Conferences annually all over the world. OMICS Publishing Group journals have over **3 million** readers and the fame and success of the same can be attributed to the strong editorial board which contains over **30000** eminent personalities that ensure a rapid, quality and quick review process. OMICS Group signed an agreement with more than **1000** International Societies to make healthcare information Open Access.

OMICS Journals are welcoming Submissions

OMICS Group welcomes submissions that are original and technically so as to serve both the developing world and developed countries in the best possible way.

OMICS Journals are poised in excellence by publishing high quality research. OMICS Group follows an Editorial Manager® System peer review process and boasts of a strong and active editorial board.

Editors and reviewers are experts in their field and provide anonymous, unbiased and detailed reviews of all submissions.

The journal gives the options of multiple language translations for all the articles and all archived articles are available in HTML, XML, PDF and audio formats. Also, all the published articles are archived in repositories and indexing services like DOAJ, CAS, Google Scholar, Scientific Commons, Index Copernicus, EBSCO, HINARI and GALE.

For more details please visit our website:

<http://omicsonline.org/Submitmanuscript.php>



Professor Ole Kristian Berg

Department of Biology

NTNU – Norwegian University of
Science and Technology

Fish Ecology

Bioenergetics:

- Ulvan, E., A. Finstad, O. Ugedal & O. K. Berg 2012. Direct and indirect climatic drivers of biotic interactions: ice-cover and carbon runoff shaping Arctic char *Salvelinus alpinus* and brown trout *Salmo trutta* competitive asymmetries. *Oecologia* 168: 277-287.

Competition:

- Berg, O.K., G. Bremset, K. Hanssen & M. Puffer 2014. Selective segregation in intraspecific competition between juvenile Atlantic salmon (*Salmo salar*) and brown trout (*Salmo trutta*). *Ecol. Freshw. Fish*
DOI: 10.1111/eff.12107

Conservation biology:

- Sandlund, O.T., S. Karlsson, E.B. Thorstad, K. Hindar, O.K. Berg, K..P. Matthew. & I.C. Norum 2014. Spatial and temporal genetic structure of an endemic river-resident Atlantic salmon (*Salmo salar*) after millennia of isolation. *Ecology and Evolution* 4:1538-1554. <http://onlinelibrary.wiley.com/doi/10.1002/ece3.1040/full>

Aquaculture

Lipid stores

- O.K. Berg, A.G. Finstad, Ø. Solem, O. Ugedal, T. Forseth, E. Niemelä, J.V. Arnekleiv, A. Lohrmann & T.F. Næsje 2009. Pre-winter lipid stores in young-of-year Atlantic salmon along a north-south gradient. *J. Fish Biol.* 74: 1383-1393.

Environmental effects of aquaculture

- Solem, Ø. & O. K. Berg 2011. Morphological differences in parr of Atlantic salmon along a north - south latitude gradient in Norway. *J. Fish Biol.* 78: 1451-1469.
- Solem, Ø, E. Verspoor, J. V. Arnekleiv, O. K. Berg, J. Koksvik, K. Hindar, S. O., Karlsson, L. Rønning & G. Kjærstad 2014. Morphological and genetical comparison between natural produced smolts of Atlantic salmon *Salmo salar*, brown trout *S. trutta* and their hybrids. *Fisheries Management and Ecology*

Hydropower interactions with fish

- CEDREN – Centre of Environmental Design of Renewable Energy
 - <http://cedren.no/>
 - Effects on salmonid fishes of rapid variations of discharge
- Puffer, M., O.K.Berg, A. Huusko, T. Vehanen & T. Forseth 2014. Effects of hydropeaking on growth, energetics and behaviour on juvenile Atlantic salmon (*Salmo salar* L.). River Research and Applications