

CV – Jens Kjerulff Petersen

Personal data

Born: 14-05-1959, citizen of Denmark, 2 children

Present position

Professor in Shellfish Biology and Ecology, Head of Section DTU Aqua

Education

- M. Sc. in Biology, University of Copenhagen, 1988
- PhD in Marine Biology, Odense University, 1994

Professional career

- 2014- Professor and Head of Section, Danish Shellfish Centre, DTU Aqua
- 2009-2013: Managing director of the Danish Shellfish Centre.
- 2004-2009: National Environmental Research Institute, Head of benthic section in the department of Marine Ecology
- 1999-2009: National Environmental Research Institute, Senior Scientist
- 1994-99: National Environmental Research Institute, Research Scientist
- 1991-94; National Environmental Research Institute, Research Associate
- 1990: MRG Miljørådgivergruppen, Consultant
- 1989-90: Marine Biological Laboratory, Univ. of Copenhagen, Scholarship
- 1988-89: Kristineberg Marine Biological Station, Nordic Scholarship

Related work experience

- 2015 -: Member of Business Region North Denmark
- 2013 -: Member of ICES Working Group on Aquaculture (WGAQUA).
- 2012: Member of the Working Group on nutrient loading under the Nature and Agriculture Commission.
- 2006: Consultant for the European Environment Agency on the development of indicators for implementation of the EU Marine Strategy Directive.
- 2005 -: Member of the Permanent Mussel Committee under the Ministry of Food, Agriculture and Fisheries.
- 2002 -: PI and project coordinator on >10 projects funded by the European Fisheries Fund
- 2000: Evaluator of the Fehmarn Belt fixed link environmental impact assessment
- 1996 -: PI, workpackage leader or project coordinator on 10 EU research projects.
- 1996 -: PI, workpackage leader or project coordinator on 8 nationally funded research projects.

Teaching and supervision

- External supervisor for 6 PhD students
- External supervisor for 9 Maters students
- Teaching in 4 courses under DTU Aqua master programme

Author or co-author of 55 peer reviewed publications - 5 most recent

Filguera, R., C.J. Byron, L.A. Comeau¹, B. Costa-Pierce, P.J. Cranford, J.G. Ferreira, J. Grant, T. Guyondet, H.M. Jansen, T. Landry, C.W. McKindsey, **J.K. Petersen**, G.K. Reid, S.M.C. Robinson, A. Smaal, R. Sonier, Ø. Strand, T. Strohmeier 2015. An integrated ecosystem approach for assessing the potential role of cultivated bivalve shells as part of the carbon trading system. *Mar. Ecol. Prog. Ser.* 518: 281-287.

Maar, M., C. Saurel, A. Landes, P. Dolmer & **J.K. Petersen** 2015. Growth potential of blue mussels exposed to different salinities in the Baltic Sea evaluated by a Dynamic Energy Budget model. *J. Mar. Sys.* 148: 48-55.

Nørgaard, J.V., **J.K. Petersen**, D.B. Tørring, S. Steinfeldt, H. Jørgensen & H.N. Lærke 2015. Chemical composition and standardized ileal digestibility of protein and amino acids from blue mussel, starfish, and fish silage in pigs. *Anim. Feed. Sci. Tech.* 205: 90-97.

Landes, A., P. Dolmer, L.K. Poulsen, **J.K. Petersen** & B. Vismann 2015. Growth and respiration in blue mussels (*Mytilus spp*) from different salinity regimes. *J. Shellfish Res.* 34: 373-382.

Bergström, P., M.S. Carlsson, M. Lindegarth, **J.K. Petersen**, S. Lindegarth & M. Holmer 2015. Testing the potential for improving quality of sediments impacted by mussel farms using bioturbating polychaete worms. *Aquat. Res.* DOI 10.1111/are.12870.

Petersen, J.K., C. Saurel, P. Nielsen & K. Timmermann 2015. The use of shellfish for eutrophication control. *Aquacult. Int.* DOI: <http://dx.doi.org/10.1007/s10499-015-9953-0>.

Maar, M., M.M. Larsen, D. Tørring, **J.K. Petersen** 2015. Bioaccumulation of metals (Cd, Cu, Ni, Pb and Zn) in suspended cultures of blue mussels exposed to different environmental conditions, *Estuar. Coast. Shelf Sci.* DOI: 10.1016/j.ecss.2015.10.010.

Author or co-author of 70 national and international reports - 5 most recent

Nielsen, C.F. & **Petersen, J.K.** 2015. Pleje af østersbestanden i Limfjorden. DTU Aqua Rapport 291-2015, 31 pp.

Nielsen, P., Geitner, K., Funk, E. & **Petersen, J.K.** 2015. Muslingeproduktion i Vejle Fjord - muligheder og begrænsninger. DTU Aqua Rapport 295-2015, 51 pp.

Petersen, J.K., Nielsen, C.F., Nørgaard, J.V., Steinfeldt, S. & Fitridge, I. 2015. Anvendelse af blåmuslinger til husdyrfoder. DTU Aqua Rapport 296-2015, 28 pp.

Frost, H.S., Nielsen, R., **Petersen, J.K.**, & Larsen, V. B. 2015. Dansk produktion af linemuslinger til konsum, Nr. 030-0006/13-5480, 21 s., mar. 19, 2015. (IFRO Udredning; Nr. 2015_04).

Nielsen, P., Canal-Vergés, P., Nielsen, C.F., Geitner, K. & **Petersen, J.K.** 2015. Konsekvensvurdering af fiskeri efter østers i Nissum Bredning 2015/16. DTU Aqua Rapport 302-2015, 46 pp.