CV

Person

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Education, employment and fieldwork

Education

1993: Cand. scient. University of Bergen (Norway)
Masteroppgave: Kvantitative kortlegging af macrobenthos i en tærskelfjord på Færøerne med speciel vægt på Polychaeter.

2001: Dr. scient. NFH, University of Tromsø (Norway)
Theses: Benthic faunal associations in the northern areas related to environmental variables.

Employments

2002: Post.doc. NFH, University of Tromsø (Norway)
NFR Project 140295/120: "Effects of the non-native red king crab *Paralithodes camtschaticus* in *Chlamys islandica* beds (Finnmark fjords, northern Norway)?"
Monitoring including diving, video, and sampling by hand.

2003-2008: Permanent position as research scientist at IMR
2003: Leader for IMR at the EU-project MAFCONS (Managing Fisheries to Conserve Groundfish and Benthic Invertebrate Species Diversity) http://www.mafcons.org/
2004: Leader for IMR for the research program concerning the scientific basis for environmental quality objectives (EcoQos) for the Barents Sea ecosystem, Bottom fauna and habitats http://barentshavet.imr.no/
2004-06: Coordinator for the Advisory Program on the Coastal Ecosystem at IMR.
2006-2008: Leader for the IMR research program for developing long term monitoring program for the benthic ecosystem in the Barents Sea

Fieldwork

1990: Marine expedition with the research vessel "Magnus Heinason" (The Faeroe Island).
Sampling with Sneli-sledge, bottom-dredge, bottom-trawl, Mc-Intyre grab. Sorting and identifying of marine animals.

1993: Marine expedition to the Kara Sea with the Russian research vessel "Dalnie Zelensi".
Sampling with van-Veen grab, Niemesto Core and Mini-CTD.

1993: Studies at Murmansk marinbiological Institute (MMBI) (Russia).

1994: Co-operation with Russian colleges in Tromsø (Norway).

1994: Marine expedition to the eastern part of the Barents Sea, Kolguyev, Cheskaja bay and the White Sea with the Russian research vessel "Vsevolod Beryozkin". Sampling with van-Veen grab, Niemesto Core and Mini-CTD.

2007-2008: Research cruise in the Porsanger fjord to re-investigate benthic habitats and red king crab invasion rate.

2003-2009: Research cruise in the North Sea and the Barents Sea for mapping and monitoring of benthic habitat.

Publications

Refereed journals and book chapters.

Jørgensen LL, Sundet J (in press) The alien marine crustacean of Norwegian coast; invasion history and impact scenario of the red king crab *Paralithodes camtschaticus*. In: Galil BS and Clark PF (edt) IN THE WRONG PLACE: ALIEN MARINE CRUSTACEANS - DISTRIBUTION, BIOLOGY AND IMPACTS. Invading Nature – Springer Series in Invasion Ecology

Jørgensen LL., Dannheim J., Anisimova N., Lubin P., Manushin I. (in prep) Large-scale spatial patterns in benthic fauna in the Barents Sea – first results of annual Russian-Norwegian trawl surveys

Renault P, Jørgensen LL (in press) Impacts of sea ice reductions on benthic communities. Polar Research. Cap 7.

Jørgensen LL. (2008) Invasion of benthic fjord habitats by non-indigenous king crab. Polar Research in Tromsø. P:10-11.

Jørgensen LL, Primicerio R (2007) Impact scenario for the invasive red king crab Paralithodes camtschaticus (Tilesius, 1815) (Reptantia, Lithodidae) on Norwegian, native, epibenthic prey. Special Issue on Crustacean Invaders for the journal Hydrobiologia .Vol. 590, No 1: 47-54.

Pedersen OP, Nilssen EM, Jørgensen LL, Slagstad D. (2006) Advection of the Red King Crab larvae on the coast of North Norway – a Lagrangian model study. Fisheries Research 79:325-336

Jørgensen LL, (2005) Impact scenario for an introduced decapod on Arctic epibenthic communities. Biological Invasion 7:949-957

Jørgensen LL, Gulliksen B (2001) Rocky bottom fauna in arctic Kongsfjord (Svalbard)studied by means of suction sampling and photography. Polar Biology 24:113-121

Jørgensen LL, Pearson TH, Anisimova NA, Gulliksen B, Dahle S, Denisenko S, Matishov G (1999) Environmental influences on benthic fauna associations of the Kara Sea (Arctic Russia). Polar Biology 22:395-416

Buzinskaya G, Jørgensen LL (1997) A re-description of Trochochaeta carica (Birula, 1897) (Polychaeta: Trochochaetidae) with notes on reproductive biology and larvae. Sarsia 82:69-75

Reports.

Anisimova NA, Jørgensen LL, Lubin P, Manushin I, (in prep) Mapping and monitoring of benthos in the Barents Sea: The results of the join Russian Norwegian Benthic program 2006-2008. Fisken og Havet vol …

Lubin P., Jørgensen L.L., Anisimova N. (in prep) Benthos. In Arneberg and Stiansen (editors). Joint Russian-Norwegian Environmental Status Report on the Barents Sea.

Jørgensen L.L. Artssammensetning og mangde av bunndyr og fisk i forskningstrål in: Knut Sunnanå og Maria Fossheim. Forvaltningsplan Barentshavet -rapport fra overvåkingsgruppen 2008 Fisken og havet , særnummer 1 b–2008

Jørgensen L.L, Anisimova N., Ljubin P. Benthic investigations (2007) in: Stiansen, J.E. and A.A. Filin (editors) Joint PINRO/IMR report on the state of the Barents Sea ecosystem in 2006, with expected situation and considerations for management. IMR/PINRO Joint Report Series No. 2/2007. ISSN 1502-8828. 209 pp.

Jørgensen L.L, Anisimova N., Ljubin P. Benthic investigations (2008) in: Stiansen, J.E. and A.A. Filin (editors) Joint PINRO/IMR report on the state of the Barents Sea ecosystem in 2006, with expected situation and considerations for management. IMR/PINRO Joint Report Series No. 2/2007. ISSN 1502-8828. 209 pp.

Jørgensen, L.L. 2005 The Scientific Basis for Environmental Quality Objectives (EcoQOs) for the Barents Sea ecosystem Working group report: Bottom fauna and habitats. P. 1-6

Jørgensen L.L. Brattegard, T. 2005. Atlantic benthic species migrating into arctic areas: indicators of climatic change? i: Jørgensen L, Hop H (Eds.) The Scientific Basis for Environmental Quality Objectives (EcoQOs) for the Barents Sea ecosystem Working group report: Bottom fauna and habitats. P.6-9

Jørgensen L.l. 2005. Sessile or fragile megafauna: indicators of physical disturbance? i: Jørgensen L, Hop H (Eds.). The Scientific Basis for Environmental Quality Objectives (EcoQOs) for the Barents Sea ecosystem Working group report: Bottom fauna and habitats. P.14-17

Jørgensen L.L. 2005. Scallop beds: Coastal indicator of invasive king crab? i: Jørgensen L, Hop H (Eds.). The Scientific Basis for Environmental Quality Objectives (EcoQOs) for the Barents Sea ecosystem Working group report: Bottom fauna and habitats. P.18-21

Jørgensen LL, Manushin I, Sundet JH and Birkely S-R (2004) The intentional introduction of the marine Red King Crab Paralithodes camtschaticus into the Southern Barents Sea. In: ICES (ed) Report of the Working Group on Introductions and Transfers of Marine Organisms (WGITMO). ICES Spec. Adv. Rep., Cesenatico, Italy. pp 124-137

Jørgensen, L.L. 2005. Bentisk produksjon. P. 60 i: Bakketeig, I., Dommasnes, A., Føyn, L., Haug, T., Iversen, S.A., Røttingen, I., Svendsen, E., Torstensen, E. (Eds.) Havets ressurser og miljø 2005. Fisken og havet, særnummer 1-2005. Havforskningsinstituttet, Bergen.

Jørgensen, L.L. 2005. Bunnlevende organismer og kopling mot det pelagiske system. Pp. 61 i: Bakketeig, I., Dommasnes, A., Føyn, L., Haug, T., Iversen, S.A., Røttingen, I., Svendsen, E., Torstensen, E. (Eds.) Havets ressurser og miljø 2005. Fisken og havet, særnummer 1-2005. Havforskningsinstituttet, Bergen.

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Moksness, E., Jørgensen, L.L. 2005. Utfordringer i kystsonen. Pp. 12-13 i: Boxaspen, K., Agnalt, A.L., Gjøsæter, J., Jørgensen, L.L., Skiftesvik, A.B. (Eds.) Kyst og Havbruk 2005.

Jørgensen LL. Hassel A, og Anisimova, N. 2006. Bunndyr. Pp 67-70 i: Iversen, S. Fossum, P. Gjøsæter, H. Skogen, M og Toreson, R. Havets ressurser og miljø 2006. Fisken og Havet, særnr. 1-2006.08.26

Jørgensen LL og Hassel A. Produksjon i bunndyrssamfunnet. Pp. 152-155. i: Iversen, S. Fossum, P. Gjøsæter, H. Skogen, M og Toreson, R. Havets ressurser og miljø 2006. Fisken og Havet, særnr. 1-2006.08.26

Jørgensen, L. L., Primicerio, R., Olsen, E., Anismova, N., Manushyn, I. 2007. 1.5.7 Bunndyr - Bottom fauna. Pp. 58-61, I Skogen, M., Gjøsæter, H., Toresen, R., Robberstad, Y. (Eds.) Havets ressurser og miljø 2007, Fisken og havet, særnummer 1-2007. Havforskningsinstituttet, Bergen.

Jørgensen, L.L. Olsen E, Alvsvåg J. 2007. Utvidet grunnlagsundersøkelse av PL393 NUCULA august 2006 – februar 2007. Rapport fra Havforskningen Nr 1. Pp 40

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Posters and working groups.

Jørgensen LL. Dannheim J. Sundet J. (2009) THE CARRYING CAPACITY OF NATIVE BENTHOS WITH INCREASING INVASION OF THE RED KING CRAB: QUESTIONS AND METHODS. Norwegian – Russian symposium on the Red King Crab and the Snow Crab. Moskva 10 – 14 august 2009

Jørgensen LL 2009. The carrying capacity of native benthos with increasing invasion of the red king crab: questions and methods International Workshop "INDICATOR BASED METHODS TO ASSESS AND MAP BIOLOGICAL POLLUTION IN THE COASTAL WATERS OF NORWAY". Founded by the Research Council of Norway

Jørgensen, L.L., Primicerio, R., Olsen, E., Gjøsæter, H., Knutsen, T., Lønne, O.J., Loeng, H. 2007. Ecosystem approach to Barents Sea Ecology: spatial and trophic relationship. Arctic Fronties. Tromsø, Januar 2007. Poster.

Jørgensen, L.L, Cochrane, S. J., Denisenko, S.G., Anismova, N., 2007. How does ice cover affect the benthic fauna in the Barents Sea. Pp. 199-200, I Haug, T., Misund, O.A., Gjøsæter, H., Røttingen, I. (Eds.) Long term bilateral Russian-Norwegian scientific co-operation as a basis for sustainable management of living marine resources in the Barents Sea. Proceedings of the 12th Norwegian-Russian Symposium, Tromsø, 21-22 Aug 2007. Institute of Marine Research, Bergen.

Jørgensen LL and Hassel A. 2006. Benthopelagic Community Studies in the Barents. Ocean Sciences Meeting, Hawaii Honolulu

Jørgensen L.L. 2005 How may diet choice of the introduced red king crab, PARALITHODES CAMTSCHATICUS, impact benthic communities in coastal sub arctic Norway. The 6th Internasjonal Crustacean Congress, University of Glasgow.

Jørgensen L.L. 2005 Ecosystem –based management Benthic ecosystem indicators in the Barents Sea. Work Group on ecosystem. Bergen 7-8 februar.

Jørgensen L.L. 2005. Bruken av kvalitetsmål i den økosystembaserte forvaltningen av Barentshavet. Kontaktmøte, Tromsø 01.06.05

Jørgensen L.L. 2005 Kvalitetsmål for økosystem Barentshavet: Kongekrabbe. Red king crab symposium, Tromsø 20-21

Jørgensen LL 2003: Marine Biological Invasion of the Red King Crab Paralithodes camtschaticus in Northern Norway. ICES working group on Introductions and transfers of marine organisms. Vancouver (24-28/3 2003).

Interviews, newspapers and popular science.

NRK Ut i Naturen Januar 2005: Rød kongekrabbe, ven eller fiende (25 min documentary) TV2 nyhetene: Forskning på kongekrabbe. Vår 2005.

Jørgensen, Lis L. (2002) Kongekrabben: en nykommer med store omveltninger i kjølvannet? Pressemelding sendt til og trykt i flg. blader/aviser: Bladet Vesterålen 30.01.02, side 25; Fiskeribladet 01.02.02, side 10 journalist: Lisbeth Ivetorp); Nordlys 06.02.02, side 10 (journalist Gunnar Sætre), Fiskeran 28.01.02 og 22.01.02 (journalist: Bjørn Forberg); m.m.?

Jørgensen, Lis L., Sundet Jan: Kongekrabben – en trussel eller en ny giv for nordnorske kystområder. Nordlys (01.10.02) Kronik på side 3.

Heen, K., Jørgensen L.L., Nilssen E. Kriminell eller kommersiell? Dagbladet (04.03.2003) Kronikk på side 47.