

Curriculum vitae

* PERSONAL INFORMATION

*Family name, First name:	Larsen, Roger B.		
*Date of birth:	30.11.1957	*Sex:	Male
*Nationality:	Norwegian		
Researcher unique identifier(s) (ORCID, ResearcherID, etc.):	ResearchGate - CRISTin profile - Munin - CRISTin publications - ORCID		
URL for personal website:	Roger B. Larsen, UiT		

* EDUCATION

	Name of faculty/department, name of university/institution, country
1985	Master of Fisheries Science, Institute of Fisheries, University of Tromsø, Norway

* POSITIONS (academic, business, industry, public sector, national or international organisations)

Current Position

	Job title/name of employer/country
2001-2019	Associate Professor/UiT The Arctic University of Norway/Norway

Previous positions held (list)

	Job title/name of employer/country
1999-2001	Research manager/Selfi AS, Tromsø/Norway
1996-1999	Associate Professor/University of Tromsø/Norway
1987-1996	Research associate and lecturer/University of Tromsø/Norway
1985-1987	Research assistant/University of Tromsø/Norway

MOBILITY (if applicable)

Research stays abroad lasting more than three months

	Name of faculty/department/centre, name of university/institution/country
1996-1997	NSW Fisheries Research Institute, Cronulla, Sydney/Australia (12 months)
2007-2008	AZTI technalia, Pasia, San Sebastian/Spain (12 months)

PROJECT MANAGEMENT EXPERIENCE (if applicable)

Projects funded by Research Council of Norway, international research programmes, private or public organisations

	Project and role, funding from
2020-2028	UiT the Arctic University of Norway / Dsolve: SFI Biodegradable plastics – Centre for the development of biodegradable plastics for marine application/Director /NFR 310008, Industry, UiT.
2020-2028	SINTEF Ocean AS/ SFI Harvest - Technologies for sustainable biomarine value creation/partner WP4 (supervision PhD)/NFR 309661 and Industry
2016-2020	Optimizing shrimp trawl fisheries/Project leader/Norwegian Seafood Research Fund (FHF)/project 901303.
2010-2011	Development of new hauling technique in longlining/Project leader/FHF/project 900411.
2010-2010	Research and development of the longline fisheries/Project leader/FHF/project 900442.
2009-2009	Various types of bait for pelagic longlining/Project leader/FHF/project 900298.
2005-2007	Selectivity and by-catches in the northern trawl fisheries/Project leader/RCN/project 159820.
2004-2006	Alternative selective techniques in shrimp trawls and fish trawls/Project leader/RCN project 153002/I10.
2003-2004	Testing and documentation of the Automatic Longline Hauler system/Project leader/RCN/project 161738/I20.
2003-2003	Installation of scientific echo sounders EK60 on RV “Jan Mayen”/Project leader/RCN/project 155545/420.
2002-2003	Automatic Longline Hauler system for the traditional coastal vessels/Project leader/RCN/project 149522/I20.
1990-1992	Improved performance of sampling trawls/Project leader/RCN/project 001.500.052.
1987-1988	New, selective fish trawl/Project leader/RCN/project II 403.127.

SUPERVISION OF GRADUATE STUDENTS AND RESEARCH FELLOWS (if applicable)

Master's students	Ph.D./post.doc. Students	University/institution - Country
	7	Faculty of Biosciences, Fisheries and Economics/The Norwegian College of Fisheries/UiT The Arctic University of Norway/Norway
36		Faculty of Biosciences, Fisheries and Economics/The Norwegian College of Fisheries/UiT The Arctic University of Norway/Norway

TEACHING ACTIVITIES (if applicable)

	Teaching position – topic, name of university/institution/country
1987-2020	Lecturer (Assoc. prof.) – Fishing gear and vessel technology, aquaculture technology, UiT The Arctic University of Norway/The Norwegian College of Fishery Science/Norway
2008-2019	Lecturer (part time) –at the Coast Guard training centre Haakonvern/Bergen/Norway
1989-1991	Lecturer/supervisor-Training courses (certificate of apprenticeship) for workers at gear factories Refa AS (Finnsnes) and Mørenot AS (Ålesund)/Norway

INSTITUTIONAL RESPONSIBILITIES (if applicable)

Member of a committee/graduate student advisor etc.

	Name of university/institution/country
2015-2020	Research group leader BRIDGE (2015-2019) and HARVEST (2019-present)

2018-2020	Co-ordinator and teacher at «Sustainable fisheries»/ Faculty of Biosciences, Fisheries and Economics/UiT The Arctic University of Norway (BFE-UIT)/Norway
1988-2020	MSc committees (36+) at UiT The Arctic University of Norway/Norway
2016-2018	Committee for revision of bachelor-program of fishery and aquaculture science, BFE-UIT.
2017	MSc committee, Memorial University of Newfoundland and Labrador, St. John's, Canada
2020	PhD committee, Memorial University of Newfoundland and Labrador, St. John's, Canada.
2016	PhD committee, the Norwegian University of Science and Technology (NTNU)/Norway.
2003-2004	Board member for the Norwegian College of Fishery Science, UIT.
2001-2002	Committee-leader for new research vessel at UIT.
1997-1999	Board member for the Norwegian College of Fishery Science, UIT.
1997-1999	Equality ombudsman at the Norwegian College of Fishery Science, UIT.
1994-1999	Institute leader for the Institute of Fisheries Technology, BFE-UIT.
1987-2006	Leader of the research vessel committee at the University of Tromsø (UIT).

COMMISSIONS OF TRUST IN ACADEMIC, PUBLIC OR PRIVATE ORGANISATIONS (if applicable)

Scientific advisory board/review board/review panel member/editorial board/scientific advisory board/reviewer/scientific evaluation/etc.

	Name of university/institution/country – and role
1998-2021	Reviewer scientific articles for Fisheries research, ICES journal of Marine Fisheries, Canadian Journal of Fisheries and Aquatic Sciences, PlosOne, Marine and Coastal Fisheries, a.o.
2007-2010	AZTI technalia advisory board/Pasaia/Spain
2007-2012	Nha Trang University advisory board/project SRV2701/Viet Nam.

Other commissions of trust - in business, organisations or public life

	Name of board/body/country – and role
2020-pres.	Vice-leader UArctic Thematic network on Arctic plastic pollution
2004-2012	Chairman for Myre Havneutvikling AS, (municipal Øksnes, Nordland county).
1992-2002	Company Selfi AS, Tromsø/Norway- Board member

MEMBERSHIPS OF ACADEMIES / SCIENTIFIC SOCIETIES / NETWORKS (if applicable)

	Name of academies, scientific societies, networks
1984-2021	Member of FTFB of FAO–ICES (International Council for the Exploration of the Sea).
2017-2019	Chairman for topic group Groundgear of working group FTFB, ICES.

MAJOR COLLABORATIONS (if applicable)

Name of university/ institution/ faculty/ department/ centre, company/ governmental or non-governmental organisation	Topic
SINTEF Ocean AS, Trondheim/Norway/NGO	Fishing gear technology, fish quality
Institute of Marine Research, Bergen/Norway/GO	Fishing gear and management
NOFIMA Tromsø, Tromsø/Norway/GO	Fishing gear, food safety,
Directorate of Fisheries, Bergen/Norway/GO	Fishing gear and management
AZTI technalia/Pasaia & Sukarrieta/Spain/NGO	Fishing gear techn., development
Marine Inst., Memorial Uni. of NFLD and Labrador /GO	Fishing gear techn. and education

Track record:

1: 69 scientific articles published in international peer-reviewed journals (37 the last five years).

2: Selected articles from the last four years:

- **Larsen, Roger B.**; Herrmann, Bent; Brcic, Jure; Sistiaga, Manu; Cerbule, Kristine; Nielsen, Kåre Nold; Jacques, Nadine; Lomeli, Mark JM; Tokac, Adnan; Cuende, Elsa. Can vertical separation of species in trawls be utilized to

reduce bycatch in shrimp fisheries?. *PLOS ONE* 2021. ISSN 1932-6203.s 1 - 17.s doi: <https://doi.org/10.1371/journal.pone.0249172>.

- **Larsen, Roger B.;** Sistiaga, Manu Berrondo; Herrmann, Bent; Brinkhof, Jesse; Tatone, Ivan; Santos, Juan. The effect of Nordmøre grid length and angle on codend entry of bycatch fish species and shrimp catches. *Canadian Journal of Fisheries and Aquatic Sciences* 2019; Volum 76 (2). ISSN 0706-652X. pp 308 - 319.
 - **Larsen, Roger B.;** Herrmann, Bent; Sistiaga, Manu Berrondo; Brinkhof, Jesse; Santos, Juan. Catch and release patterns for target and bycatch species in the Northeast Atlantic deep-water shrimp fishery: Effect of using a sieve panel and a Nordmøre grid. *PLoS ONE* 2018; Volum 13.(12)
 - **Larsen, Roger B.;** Herrmann, Bent; Sistiaga, Manu Berrondo; Brinkhof, Jesse; Grimaldo, Eduardo. Bycatch reduction in the Norwegian deep-water shrimp (*Pandalus borealis*) fishery with a double grid selection system. *Fisheries Research* 2018; Volum 208. pp 267-273
 - **Larsen, Roger B.;** Sistiaga, Manu Berrondo; Herrmann, Bent; Brinkhof, Jesse; Tatone, Ivan; Santos, Juan. The effect of Nordmøre grid length and angle on codend entry of bycatch fish species and shrimp catches. *Canadian Journal of Fisheries and Aquatic Sciences*. 2018. Doi: [10.1139/cjfas-2018-0069](https://doi.org/10.1139/cjfas-2018-0069).
 - **Larsen, Roger B.;** Herrmann, Bent; Brinkhof, Jesse; Grimaldo, Eduardo; Sistiaga, Manu Berrondo; Tatone, Ivan. Catch Efficiency of Groundgears in a Bottom Trawl Fishery: A Case Study of the Barents Sea Haddock. *Marine and Coastal Fisheries* 2018; Volum 10.(5) pp 493-507.
 - **Larsen, Roger B.;** Herrmann, Bent; Sistiaga, Manu Berrondo; Grimaldo, Eduardo; Tatone, Ivan; Brinkhof, Jesse. Size selection of cod (*Gadus morhua*) and haddock (*Melanogrammus aeglefinus*) in the Northeast Atlantic bottom trawl fishery with a newly developed double steel grid system. *Fisheries Research* 2018; Volum 201. pp 120-130
 - **Larsen, Roger B.;** Herrmann, Bent; Sistiaga, Manu Berrondo; Brcic, Jure; Brinkhof, Jesse; Tatone, Ivan. Could green artificial light reduce bycatch during Barents Sea Deep-water shrimp trawling? *Fisheries Research* 2018; Volum 204. pp 441-447.
 - **Larsen, Roger B.;** Herrmann, Bent; Sistiaga, Manu Berrondo; Brinkhof, Jesse; Tatone, Ivan; Langård, Lise. 2018. New approach for modelling size selectivity in shrimp trawl fisheries. *ICES Journal of Marine Science* 2018; Volum 75. (1) pp 351-360.
 - Sistiaga, Manu; Herrmann, Bent; Brinkhof, Jesse; **Larsen, Roger B.;** Jacques, Nadine; Santos, Juan; Gjøsund, Svein Helge. Quantification of gear inflicted damages on trawl-caught haddock in the Northeast Atlantic fishery. *Marine Pollution Bulletin* 2020; Volum 157. ISSN 0025-326X.s doi: [10.1016/j.marpolbul.2020.111366](https://doi.org/10.1016/j.marpolbul.2020.111366).
 - Grimaldo, Eduardo; Herrmann, Bent; Jacques, Nadine; Kubowicz, Stephan; Cerbule, Kristine; Su, Biao; **Larsen, Roger B.;** Vollstad, Jørgen. The effect of long-term use on the Catch efficiency of Biodegradable gillnets. *Marine Pollution Bulletin* 2020; Volum 161 (B). ISSN 0025-326X.s 1 - 11.s doi: [10.1016/j.marpolbul.2020.111823](https://doi.org/10.1016/j.marpolbul.2020.111823).
 - Herrmann, Bent; Sistiaga, Manu; **Larsen, Roger B.;** Brinkhof, Jesse; Gjøsund, Svein Helge; Jacques, Nadine; Santos, Juan. Catch pattern and size selectivity for a gear designed to prevent fish injuries during the capture process in a North-East Atlantic demersal trawl fishery. *Regional Studies in Marine Science* 2020; Volum 40. ISSN 2352-4855.s doi: [10.1016/j.rsma.2020.101525](https://doi.org/10.1016/j.rsma.2020.101525).
 - Brinkhof, Jesse; **Larsen, Roger B.;** Herrmann, Bent; Sistiaga, Manu. Size selectivity and catch efficiency of bottom trawl with a double sorting grid and diamond mesh codend in the North-east Atlantic gadoid fishery. *Fisheries Research* 2020; Volum 231. ISSN 0165-7836.s doi: [10.1016/j.fishres.2020.105647](https://doi.org/10.1016/j.fishres.2020.105647).
 - Brinkhof, Jesse; Herrmann, Bent; Sistiaga, Manu; **Larsen, Roger B.;** Jacques, Nadine; Gjøsund, Svein Helge. Effect of gear design on catch damage on cod (*Gadus morhua*) in the Barents Sea demersal trawl fishery. *Food Control* 2020; Volum 120. ISSN 0956-7135.s doi: [10.1016/j.foodcont.2020.107562](https://doi.org/10.1016/j.foodcont.2020.107562).
 - Standal, Dag; Grimaldo, Eduardo; **Larsen, Roger B.** Governance implications for the implementation of biodegradable gillnets in Norway. *Marine Policy*, 2020. ISSN 0308-597X.s
 - Grimaldo, Eduardo; Herrmann, Bent; Su, Biao; Føre, Heidi Moe; Vollstad, Jørgen; Olsen, Leonore; **Larsen, Roger B.;** Tatone, Ivan. Comparison of fishing efficiency between biodegradable gillnets and conventional nylon gillnets. *Fisheries Research* 2019; Volum 213. ISSN 0165-7836.s 67 - 74.s
3. 1993-2012: Patent no. 173162 on fish sorting device Sort-X (demersal trawls).
 4. Board member (1992-2002) and research manager (1999-2001) of Selfi AS, Tromsø and chairman for Myre havneutvikling AS of municipal Øksnes (2004-2012).
 5. More than 150 surveys as cruise leader on research and commercial vessels (3-4*1-3 weeks/year).
 6. World Symposium on Fishing Gear and Fishing Vessel Design, St. John's, Canada, 1988, ICES-FAO 2016 Symposium on Technology Development and Sustainable Fisheries Merida, Mexico.