

# Curriculum vitae with track record (for researchers)

**Role in the project**    Project manager     Project partner

## Personal information

First name, Surname:	Vidar S., Lien		
Date of birth:	06.10.1978	Sex:	Male
Nationality:	Norwegian		
Researcher unique identifier(s) (ORCID, ResearcherID, etc.):	<a href="https://orcid.org/0000-0002-5737-8878">https://orcid.org/0000-0002-5737-8878</a>		
URL for personal website:			

## Education

Year	Faculty/department - University/institution - Country
2010 (dissertation defended)	Ph.D.: Geophysical Institute, Faculty of Natural Sciences – University of Bergen - Norway
2004	Master: Geophysical Institute, Faculty of Natural Sciences – University of Bergen - Norway

## Positions - current and previous

*(Academic sector/research institutes/industrial sector/public sector/other)*

Year	Job title – Employer - Country
2017-	Senior Scientist – Institute of Marine Research - Norway
2013-2016	Senior Engineer – Institute of Marine Research - Norway
2010-2013	Postdoc – Institute of Marine Research - Norway
2007-2010	PhD-candidate – Institute of Marine Research - Norway
2005-2007	Engineer – Institute of Marine Research - Norway

## Project management experience

*(Academic sector/research institutes/industrial sector/public sector/other. Please list the most relevant.)*

Year	Project owner - Project - Role - Funder
2015-	Institute of Marine Research – Copernicus Marine Service – Project leader – European Commission / Mercator Ocean International
2018-2020	bavAIRia – CoRdiNet – Work Package leader – EU H2020
2018-2019	Institute of Marine Research – Processes governing variable Arctic sea ice: the Barents Sea hotspot (ICEHOT) – project leader – Fram Centre
2016	Nansen Environmental and Remote Sensing Center – Copernicus Marine Service Arctic Marine Forecasting Centre – Acting deputy leader – European Commission / Mercator Ocean International
2016	Institute of Marine Research – Atlantic Water Pathways to the Arctic (PAVE) – Work Package leader – Research Council of Norway

## Other relevant professional experiences

(E.g. institutional responsibilities, organisation of scientific meetings, membership in academic societies, review boards, advisory boards, committees, major research or innovation collaborations, other commissions of trust in public or private sector)

Year	Description - Role
2016-2019	Assistant Research Group Leader, IMR Research Group Oceanography & Climate
2016-	Arctic Regional Ocean Observing System (ArcticROOS) – IMR Representative
2014-	ICES Working Group on Integrated Assessment in the Barents Sea (WGIBAR) - Member

## Track record

### Peer-reviewed scientific research papers (Citations: -X-)

Total number of publications: 28 (h-index: 17)

Skagseth Ø, Eldevik T, Årthun M, Asbjørnsen H, **Lien VS**, Smedsrud LH. 2020. *Reduced efficiency of the Barents Sea cooling machine*, Nature Climate Change, doi:10.1038/s41558-020-0772-6 **-12-**

Uotila P, Goosse H, Barthélemy A, Bricaud C, Chevallier M, Drevillon M, Fuckar N, Garric G, Haines K, Iovino D, Kauker F, Korhonen M, **Lien VS**, Marnela M, Massonet F, Mignac Carneiro D, Peterson KA, Tietsche S, Sadikhi R, Shi L, Toyoda T, Xie J, Zhang Z. 2018. *An assessment of ten ocean reanalyses in the polar regions*, Climate Dynamics. doi: 10.1007/s00382-018-4242-z **-56-**

**Lien VS**, Schlichtholz P, Skagseth Ø, Vikebø FB. 2017. *Wind-driven Atlantic water flow as a direct mode for reduced Barents Sea ice cover*, Journal of Climate, 30, 803-812 **-42-**

**Lien VS**, Hjøllø SS, Skogen MD, Svendsen E, Wehde H, Bertino L, Counillon F, Chevallier M, Garric G. 2016. *Assessing the added value from data assimilation on modelled Nordic Seas hydrography and ocean transports*, Ocean Modelling, 99, 43-59 **-19-**

Dmitrenko IA, Rudels B, Kirillov SA, Aksenov YO, Ivanov VV, Schauer U, Polyakov IV, **Lien VS**, Coward A, Barber D. 2015. *Atlantic water flow into the Arctic Ocean through the St. Anna Trough in the northern Kara Sea*, Journal of Geophysical Research Oceans, 120 **-23-**

Dmitrenko IA, Kirillov SA, Serra N, Koldunov NV, Ivanov VV, Schauer U, Polyakov IV, Barber D, Janout M, **Lien VS**, Makhotin M, Aksenov Y. 2014. *Heat loss from the Atlantic water layer in the St. Anna Trough (northern Kara Sea): Causes and consequences*, Ocean Science, 10, 719-730 **-22-**

**Lien VS**, Gusdal Y, Vikebø FB. 2014. *Along-shelf hydrographic anomalies in the Nordic Seas (1960-2011): Locally generated or advective signals?*, Ocean Dynamics, 64, 1047-1059 **-37-**

Smedsrud LH, Esau I, Ingvaldsen RB, Eldevik T, Haugan PM, Li C, **Lien VS**, Olsen A, Omar AM, Otterå OH, Risebrobakken B, Sandø AB, Semenov VA, Sorokina SA. 2013. *The role of the Barents Sea in the climate system*, Review of Geophysics, 51, 415-449 **-247-**

**Lien VS**, Trofimov AG. 2013. *Formation of Barents Sea Branch Water in the north-eastern Barents Sea*, Polar Research, 32, 18905 **-22-**

**Lien VS**, Vikebø FB, Skagseth Ø. 2013. *One mechanism contributing to covariability of the Atlantic inflow branches to the Arctic*, Nature Communications, 4, 1488 **-51-**

**Invited speaker - International conferences and meetings**

Year	Conference/Meeting – Place – Date - Role
2018	51 <sup>st</sup> Session of the IOC Executive Council – Paris, France – 2-6 <sup>th</sup> July – Scientific Representative of the Norwegian Delegation
2018	18 <sup>th</sup> Russian-Norwegian Symposium – Murmansk, Russia – 5-7 <sup>th</sup> June – Invited Keynote Speaker
2016	Northern Barents Sea High-Level Round Table – London, UK – 20 <sup>th</sup> September – Invited Speaker