

Curriculum vitae with track record

PERSONAL INFORMATION

Family name, First name: Lien, Vidar Surén
Date of birth: 06.10.1978
Sex: Male
Nationality: Norwegian
Researcher unique identifier (ORCID): orcid.org/0000-0002-5737-8878

EDUCATION

2010 PhD: *Water mass transformations in the Barents Sea and linkages to the Polar Front*
Disputation date: 30.10.2010.
Faculty of Natural Sciences/Geophysical Institute, University of Bergen, Norway
2004 Master of Science: *The Angola Dome – structure and variability*
Faculty of Natural Sciences/Geophysical Institute, University of Bergen, Norway

CURRENT AND PREVIOUS POSITIONS

2017- Scientist: *Climate change and variability and its impact on the Barents Sea*
Research Group Oceanography & Climate, Institute of Marine Research, Norway
2013-2016 Senior Engineer: *Model evaluation, scientific production, project work*
Research Group Oceanography & Climate, Institute of Marine Research, Norway
2010-2013 Postdoc.: *Ocean circulation in the Norwegian and Barents seas*
Research Group Oceanography & Climate, Institute of Marine Research, Norway
2007-2010 PhD Candidate: *Water mass transformation and distribution in the Barents Sea*
Research Group Oceanography & Climate, Institute of Marine Research, Norway
2005-2007 Engineer: *Model evaluation, oceanographic equipment maintenance, field work*
Research Group Oceanography & Climate, Institute of Marine Research, Norway

SCIENTIFIC LEADERSHIP, PROJECT PARTICIPATION AND MANAGEMENT

2016 - IMR Research Group on Oceanography & Climate *Assistant Group Leader*
2016 PAVE (Polish-Norwegian research project, Research Council of Norway, *Work Package leader*)
www.iopan.gda.pl/projects/PAVE/
2016 CMEMS (Copernicus Marine Environmental Monitoring Service, Arctic Marine Forecasting Center *interim deputy leader*)
2015 - CMEMS (Copernicus Marine Environmental Monitoring Service Phase I+II, *IMR internal project leader*)
www.marine.copernicus.eu
2007 - Participated in numerous EU- and Norwegian Research Council-funded projects (BIAC, PRIBASE, NESSAR, MyOceanII/MyOcean-FollowOn, E-AIMS, MAREANO, OCEAN3/5, FishDiv)

COMMISSIONS OF TRUST

Reviewer for Journal of Geophys Res, Cont Shelf Res, Deep-Sea Res

MEMBERSHIP IN ACADEMIC AND PROFESSIONAL BODIES

2016 - ArcticROOS (Arctic Regional Ocean Observing System), *IMR-representative*
2016 ICES Working group on Operational Oceanographic products for Fisheries and Environment (WGOOFE), *Member*
2014 - ICES Working group on Integrated Assessment in Barents Sea (WGIBAR), *Member*

SELECTED INTERNATIONAL CONFERENCES, MEETINGS, SYMPOSIA, SCHOOLS

- 2018 18th Russian-Norwegian Symposium, Murmansk, Russia, 5-7th June, *Keynote speaker*
- 2016 Northern Barents Sea High-Level Round Table, Norwegian Embassy, London, UK, 20th September, *Invited speaker*
- 2016 ASLO-AGU Ocean Sciences Meeting, New Orleans, USA, 21st – 26th February
- 2013 ICES Annual Science Conference, Reykjavik, Iceland, 23rd – 27th September
- 2012 ICES Annual Science Conference, Bergen, Norway, 17th – 21st September
- 2012 European Geophysical Union General Assembly, Vienna, Austria, 22nd – 27th April
- 2011 15th Russian Norwegian Symposium, Longyearbyen, Svalbard, 7th – 8th September
- 2009 Arctic Science Summit Week Scientific Symposium, Bergen, Norway, 23rd – 27th March

Ten-year track record

PEER REVIEW PUBLICATIONS

Total # publications:20; h-index = 9

List of 10 selected publications last 5 years, sorted by year (citations from ISI: - x -):

1. Uotila, P, et al., 2018. An assessment of ten ocean reanalyses in the polar regions. *Climate Dynamics*, accepted – **0** –
2. **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 – **1** –
3. von Schuckmann, K, et al., 2016. The Copernicus Marine Environment Monitoring Service Ocean State Report. *Journal of Operational Oceanography*, **9**, 235-320 – **3** –
4. **Lien, VS**, Hjøllo, 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 – **5** –
5. Vikebø, FB, Rønningen, P, Meier, S, Grøsvik, BE, **Lien, VS**, 2015: Dispersants have limited effects on exposure rates of oil spills on fish eggs and larvae in shelf seas. *Environmental Science & Technology*, **49**, 6061-6069 – **5** –
6. 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*, **12**, 719-730 – **9** –
7. **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 – **18** –
8. **Lien, VS**, Ådlandsvik, B, 2014: Bottom water formation as a primer for spring-blooms on Spitsbergenbanken? *Journal of Marine Systems*, **130**, 241-247 – **5** –
9. 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 – **95** –

10. **Lien, VS**, Vikebø, F, Skagseth, Ø, 2013: One mechanism contributing to covariability of the Atlantic inflow branches to the Arctic. *Nature Communications*, **4**, 1488 – **28** –

HONOURS AND AWARDS

2013 Institute of Marine Research Publication of the Year Award (runner up):

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

2006 ICES Annual Science Conference Poster Award (runner-up):

Lien, V, Ingvaldsen, R, Loeng, H, Skagseth, Ø, 2006: Climate variability in the Barents Sea 2000-2005.