

Curriculum vitae with track record (for researchers)



Role in the project Project manager Project partner

Personal information

First name, Surname:	Liss Marie Andreassen		
Date of birth:	27.12.1971	Sex:	Female
Nationality:	Norwegian		
Researcher unique identifier(s) (ORCID, ResearcherID, etc.):	ORCID: 0000-0001-6494-4252		
URL for personal website:	http://www.nve.no/lma		

Education

Year	Faculty/department - University/institution - Country
2008	Ph.D. Dept. of Physical Geography, University of Oslo, Norway
1996	Master. Dept. of Physical Geography, University of Oslo, Norway

Positions - current and previous

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

Year	Job title – Employer - Country
2009-	Research Scientist/Senior Research Scientist, Norwegian Water Resources and Energy Directorate (Oslo)
1997-2008	Department Engineer/Senior Engineer, Norwegian Water Resources and Energy Directorate (Oslo)
1994-1996	Course Teacher and consultant work, Dept. of Physical Geography, University of Oslo (Oslo)

Career breaks

Year	Reason
1999	Maternity leave, 8 months
2001-2002	Maternity leave, 10 months

Project management experience

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

Year	Project owner - Project - Role - Funder
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2020-2023	Høgskolen på Vestlandet - JOSTICE – leading NVEs work in the project and WP-leader - Research Council of Norway
2016-2021	NVE - Copernicus Glacier Service –project leader - Norwegian Space Agency
2008-2013	Norwegian Computing Center - CryoClim - leading NVEs work in the project and WP-leader - Norwegian Space Agency
2002-2006	EnviSnow- leading NVEs work in the project and WP-leader – European Union
2001-2004	SnowMan - leading NVEs work in the project and WP-leader - Research Council of Norway

Supervision of students

(Total number of students)

Master's students	Ph.D. students	University/institution - Country
12	5	University of Oslo, Norway. University of Bergen, Norway. University of Lund, Sweden. University of Portsmouth, UK. University of Durham, UK. Western Norway University of Applied Sciences, Norway. Norwegian University of Science and Technology, Trondheim, 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
	Commissions of trust
2021-2023	Scientific editor of Journal of Glaciology
2019-	President-elect of the International organization for Cryospheric Sciences (IACS)
2016-2019	Council member of the International Glaciological Society
2016-2019	Co-chair of IACS Working group on ice thickness estimation
2015-2019	Head of division for Glaciers and ice sheets, International organization for Cryospheric Sciences (IACS)
2015-2019	Chair of the Advisory Group for Global Terrestrial Network for Glaciers (GTN-G)
2011-2015	Member of the Advisory Group for Global Terrestrial Network for Glaciers (GTN-G)
	Convener of larger meetings/conferences/workshops
2019	Convenor of session 'Remote Sensing of the Cryosphere - Into an Era of High-Repeat Rate Time Series' at IUGG General Assembly held in Montreal, July, 2019.

2017, 2015 2013, 2012	Co-convenor of session 'Glacier Monitoring from In-situ and Remotely Sensed Observations' at the EGU General Assemblies in Vienna, Austria.
2011	Lead convenor of IGS Nordic Branch Meeting 2011, held in Oslo, 27-29 October, 2011 (100 participants).
2009	Lead convenor of session on 'Changes in Glaciers in Different Climate Regimes' in IAMAS-IAPSO-IACS Joint Assembly-2009 held in Montreal, July, 2009.
2008-	Group leader of the glacier group at NVE.
2008	Lead convenor of 'Workshop on mass balance measurements and modelling' held in Skeikampen, Norway, 25-28 March 2008 (90 participants).
1998	Lead convenor of Storbreen symposium, NVE (50 participants)
	International memberships
2017-	Member of the International organization for Cryospheric Sciences
2011-	Member of the European Geosciences Union
1998-	Member of the International Glaciological Society

Track record

- **Total peer-reviewed publications during the career: 45**
- **Peer-reviewed articles (selection):**
 - Andreassen, L.M., H. Elvehøy, B. Kjølmoen, J.M.C. Belart. 2020. Glacier change in Norway since the 1960s – an overview of mass balance, area, length and surface elevation changes. *Journal of Glaciology* 1–16. <https://doi.org/10.1017/jog.2020.10>
 - Andreassen, L.M., H. Elvehøy, B. Kjølmoen, and R. V. Engeset. 2016. Reanalysis of long-term series of glaciological and geodetic mass balance for 10 Norwegian glaciers, *The Cryosphere*, 10, 535-552, doi:10.5194/tc-10-535-2016.
 - Andreassen, L.M., M. Huss, K. Melvold, H. Elvehøy, and S. H. Winsvold. 2015. Ice thickness measurements and volume estimates for glaciers in Norway. *Journal of Glaciology*, 61 (228), doi: 10.3189/2015JoG14J161.
 - Andreassen, L.M., B. Kjølmoen, A. Rasmussen, K. Melvold and Ø. Nordli. 2012. Langfjordjøkelen, a rapidly shrinking glacier in northern Norway. *Journal of Glaciology*, 58 (209), 581-593.
 - Andreassen, L.M. and J. Oerlemans. 2009. Modelling long-term summer and winter balances and the climate sensitivity of Storbreen, Norway. *Geografiska Annaler*, 91 A (4), 233–251.
 - Andreassen, L.M., F. Paul, A. Käab, and J.E. Hausberg. 2008. Landsat-derived glacier inventory for Jotunheimen, Norway, and deduced glacier changes since the 1930s. *The Cryosphere*, 2, 131-145.
 - Andreassen, L.M., M.R. van den Broeke, R.H. Giesen, and J. Oerlemans. 2008. A five-year record of surface energy and mass balance from the ablation zone of Storbreen, Norway. *Journal of Glaciology*, 54 (185), 245-258.
- **Other selected publications (books, book chapters):**
 - Andreassen, L.M., S.H. Winsvold (eds.), F. Paul and J.E. Hausberg. 2012. Inventory of Norwegian glaciers. NVE Report 28, 236 pp.
 - Raup, Bruce H., Liss M. Andreassen, Tobias Bolch, and Suzanne Bevan. 2015. Remote sensing of glaciers. Chapter 7 in *Remote Sensing of the Cryosphere*, Marco Tedesco, ed. 432 pp. ISBN: 978-1-118-36885-5, pp 123-156.
 - Andreassen, L.M., F. Paul and J.E. Hausberg. 2014. Norway, chapter 19 in: Kargel, J.S., G.J. Leonard, M.P. Bishop, A. Kaab, B. Raup (Eds), 2014, *Global Land Ice Measurements from Space* (Springer-Praxis Books), Springer-Verlag Berlin Heidelberg, DOI 10.1007/978-3-540-79818-7, 427-437.
 - Andreassen, L.M., H. Elvehøy, B. Kjølmoen, M. Jackson, and R.V. Engeset. 2007. Long term observations of glaciers in Norway. In Orlove et. al: *The Darkening Peaks: Glacial Retreat in Scientific and Social Context*. 100-

- **Full list of publications:** <https://www.nve.no/hydrologi/analysemetoder-og-modeller/vare-forskere/liss-marie-andreassen/publications/>
- **Datasets:** Made datasets available to GLIMS, RGI, WGMS, NVEs Glacier Atlas and to <https://www.nve.no/hydrology/glaciers/glacier-data/>
- **Solicited talks at peer-reviewed, internationally established conferences:**
 - Solicited talk at AGU fall meeting, 17 December 2014.
 - Keynote talk at EGU General Assembly, 22 April 2016.