

Curriculum vitae- HABTAMU ALEM

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Education

Year	Faculty/department - University/institution - Country
2018	Ph.D. Department of Economics, Norwegian University of Life Science (NMBU), Norway
2005	Master Department of economics, Norwegian University of Life Science (NMBU), Norway
2003	Master Department of agricultural economics, Haramya University, Ethiopia

Positions - current and previous

Year	Job title – Employer - Country
2018-	Research Scientist, Division of food production and Society, NIBIO, Norway
2014 -2018	Ph.D. candidate and Researcher NMBU and NIBIO, Norway
2011- 2014	Executive Officer, Department of statistics and analysis, Norwegian Agricultural Economics Research Institute (NILF), Norway
2006-2010	Production officer, Den Blind KU private limited company, Norway
2000-2002	Researcher, Department of Economics, Amhara Region Agricultural Research Institute (ARARI), Ethiopia
1997-2000	Researcher, Division of design and study, Commission of Sustainable Agriculture and Environmental Rehabilitation in Amhara Region, Ethiopia (CO_SAERAR), Ethiopia
1994-1997	Head for Plan and program, Bureau of Agriculture and Rural Development, Ethiopia.

RESEARCH INTERESTS

Food and nutrition security; Environmental and production economics; Climate change; Econometrics; impact assesment; circular economics; cost bebenefit analysis; consumer economics; Risk analysis; and topis related to development economics (developing and developed countries)

Project management experience

Year	Project owner - Project - Role - Funder
2020- 2023	EU-SYSTEMIC project – Coordinator - An integrated approach to the challenge of sustainable food systems: adaptive and mitigatory strategies to address climate change and malnutrition -Research Council of Norway (for Norway share)
2018-	OECD- Norway delegate of OECD farm-level analysis network- Landbruksdirektoratet
2000-2002	USAID project-Adet region coordinator, Ethiopia- USAID supports
2001-2002	ADIARKAY- regional coordinator- Sustainable development in the Adiarkay region- World bank

Other relevant professional experiences

Year	Description - Role
2016	Serve as a secretary and deputy on the 2016 board of the Society of Doctoral Candidates (SoDoC) at NMBU
2001	Adet agricultural research institute economics department head
<i>Currently</i>	Member of Norwegian Association of Economists, European Association of Agricultural Economists (EAAE), Agricultural Economists Society (AES), Agricultural & Applied Economics Association (AAEA), and the Agricultural Economics Society of Ethiopia (AESE)

Fellowships, awards, and prizes.

- 2014 –2018. Full Scholarship awards in 2014 from the Norwegian research council, for Ph.D. study at NMBU
- 2003 – 2005. Full Scholarship awards in 2003 from the Norwegian Agency for Development Cooperation (NORAD) for M.Sc. study in NMBU for two years.
- 2002 –2003. Full Scholarship awards in 2002 from World Bank based project i.e. Agricultural Research and Training Project (ARTP) for M.Sc. study at Haramya University, Ethiopia.

Track record

38 scientific publications in the Current Research Information System In Norway (CRISTIN)

Most relevant publications:

- Alem, Habtamu. (2021). The Role of Technical Efficiency Achieving Sustainable Development: A Dynamic Analysis of Norwegian Dairy Farms, *Sustainability* 13, no. 4: 1841. <https://doi.org/10.3390/su13041841>
- Alem, Habtamu. (2021). A Metafrontier Analysis on the Performance of Grain-Producing Regions in Norway, *Economies* 9, no. 1: 10. <https://doi.org/10.3390/economies9010010>
- Alem, H (2021). Performance of dairy farms in the Norwegian region: A meta-frontier Analysis, *International Journal of Productivity and Performance Management* (under 2nd review)
- Alem, H. (2020). Economic performance among Norwegian crop farms accounting for farm management and socio-economic factors, *International Journal of Business Performance Management (IJBPM)*; Volum 21. (4) s. 417-436
- Alem, H. 2020. Performance of the Norwegian dairy farms: A dynamic stochastic approach, *Research in Economics*, Volum 74. (3) s. 263-271
- Alem, H., Lien, G., Hardaker, J. B., & Guttormsen, A. (2019). Regional differences in technical efficiency and technological gap of Norwegian dairy farms: a stochastic meta-frontier model. *Applied Economics*, 51(4), 409-421.
- Alem, H., Lien, G., Kumbhakar, S. C., & Hardaker, J. B. (2019). Are diversification and structural change a good policy? An empirical analysis of Norwegian agriculture. *Journal of Agricultural and Applied Economics*, 51(1), 1-26.
- Alem, H (2018). Effects of model specification, short-run, and long-run inefficiency: an empirical analysis of stochastic frontier models. *Zemledska Ekonomika*; Volume 64(11) p. 508-516
- Alem, H (2018). The Contribution of Productivity and Price Change to Farm-level Profitability: A Dual Approach Analysis of Crop Production in Norway. I: *Productivity and Inequality*. Springer 2018 ISBN 978-3-319-68678-3. p. 255-273
- Alem, H; Lien, Gudbrand; Hardaker, J. Brian (2018). Economic performance and efficiency determinants of crop-producing farms in Norway. *International Journal of Productivity and Performance Management*; Volume 67. (9) p. 1418-1434.
- Lien, G; Kumbhakar, S C; Alem, H (2018). Endogeneity, heterogeneity, and determinants of inefficiency in Norwegian crop-producing farms. *International Journal of Production Economics* 2018; Volume 201. p. 53-61.
- Alem, H (2017). Source of total factor productivity change: An empirical analysis of grain producing regions in Norway. *Revista Economica*; Volume 69. p. 8-18
- Alem, H; Ring, P; Hjukse, O. (2012). Melding om årsveksten 2012. Normalårsavlinger og registrerte avlinger: Norsk Institutt for landbruksøkonomisk forskning 2013 (ISBN 978-82-7077-862-1) 18 p. Notat (Norsk Institutt for landbruksøkonomisk Forskning: trykt utg.) (11)
- Alem, H. (2012). Bill Gates calls for a focus on raising farm level productivity to reduce poverty. *NILF-Report 2012*
- Alem, H (2012). People in Crises: Tackling the Root Causes of Famine in the Horn of Africa: Norsk institutt for landbruksøkonomisk forskning 2012 16 p. NILF Discussion Papers (1)

Invited presentations to peer-reviewed, internationally established conferences (latest)

- Alem, H (2020). Dynamic efficiencies and determinants under investment: an application to the Norwegian Dairy Farms. 25th meeting of OECD Farm Level Analysis (FLA) network, Zoom 05.06.2020 – 05.06.2020.
- Alem H, (2019). Methods of data analysis used in measuring the performance of Agriculture. Eighth International Conference on Agricultural Statics 2019 (ICAS_VIII), New Dehli.18.11.2019 – 21.11.2019.
- Alem, Habtamu; Lien, Gudbrand; J. Brian, Hardaker. (2019). The scope for improvement among Norwegian crop farms accounting for farm management and socio-economic factors. The 41st Annual Meeting of the Norwegian Association of Economists; 2019-01-07 - 2019-01-08
- Alem, H. (2018). Source of Total Factor Productivity Change with heterogeneity for grain production in Norway. 2018 AAFA Annual Meeting; 2018-08-05 - 2018-08-07.
- Alem, H; Lien, Gudbrand; Hardaker, J. Brian. (2018). The scope for improvement among American Productivity Workshop X in Miami, USA; 2018-06-12 - 2018-06-15
- Alem, Habtamu. (2017). Source of Total Factor Productivity Change: an empirical analysis of two-grain producing regions in Norway. Agricultural Economics Society's 91st annual conference; 2017-04-24 - 2017-04-26.
- Alem, Habtamu. (2017). The Effects of Stochastic Frontier Model specification on the cost efficiency scores: a case study of the Norwegian crop-producing farms. XV European Workshop on Efficiency and Productivity Analysis (EWEPA); 2017-06-12 - 2017-06-15
- Alem, Habtamu; Lien, Gudbrand; Hardaker, J. Brian; Guttormsen, Atle Guttorm (2017) Regional Differences in Technical Efficiency and Technological Gap of Norwegian Dairy Farms: a Stochastic Metafrontier Model. XV EAAE Congress; 2017-08-28 - 2017-09-01
- Alem, Habtamu; Lien, Gudbrand; J. Brian, Hardaker; Guttormsen, Atle Guttorm. (2017) Technical Efficiency and Technological Gap of Norwegian Dairy Farms: a Stochastic Meta-Frontier Model. Agricultural Economics Society's 91st annual conference; 2017-04-24 - 2017-04-26
- Alem, Habtamu; Lien, Gudbrand; Kumbhakar, Subal Chandra; J. Brian, Hardaker (2017). Economies of Scale and Scope among the Norwegian Dairy and Crop-producing Farms: a regional analysis using flexible technology approach. XV EAAE Congress "Towards Sustainable Agri-Food Systems: Balancing between Markets and Society"; 2017-08-28 - 2017-09-01
- Alem, Habtamu (2016). The contribution of Productivity and a Price change to farm-level profitability change: a dual approach analysis of multi-output technology. NAPW 2016; 2016-06-15 - 2016-06-18
- Alem, Habtamu (2016). Productivity and profitability change of crop-producing family firms in Norway: a cost function approach. AES 90th Annual Conference; 2016-04-04 - 2016-04-06
- Alem, Habtamu (2016). Regional efficiency and technological gaps in Norwegian grain farming: a stochastic meta-frontier model. 4th International Conference on Entrepreneurship, Innovation, and Regional Development – EIRD 2016; 2016-06-27 - 2016-06-29
- Alem, Habtamu (2016). Source of productivity changes in the Norwegian Grain producing Regions. 7th International Conference on Agricultural Statistics; 2016-10-26 - 2016-10-28
- Alem, Habtamu (2016). Technical efficiencies and technology gaps in the Norwegian regions: a meta-frontier applied for dairy farms. Asia- Pacific Productivity Conference (APPC 2016); 2016-07-07 - 2016-07-10.