

# Scientific Curriculum Vitae for Klaus Mittenzwei

## Personal information

First name, Surname:	Klaus, Mittenzwei		
Date of birth:	25.06.1967	Sex:	M
Nationality:	German		
Researcher unique identifier(s) (ORCID, ResearcherID, etc.):	<a href="https://orcid.org/0000-0001-5228-9502">https://orcid.org/0000-0001-5228-9502</a>		
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## Education

Year	Faculty/department - University/institution - Country
2002	Ph.D.: Department of Economics and Social Science, Agricultural University of Norway
1993	Master: Faculty of Agriculture, University of Bonn, Germany

## Positions - current and previous

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

Year	Job title – Employer - Country
Sep 2021 -	Research Professor, Ruralis- Institute for Rural and Regional Research (Forsker I)
Sep 2020 – Aug 2021	Researcher, Ruralis – Institute for Rural and Regional Research (Forsker II)
Jul 2013 – Aug 2020	Researcher, Department of Economics and Society, Norwegian Institute of Bioeconomy Research, Norway
May 1993 – Jun 2013	Researcher, Research Department, Norwegian Agricultural Economics Research Institute, Norway

## Project management experience

Year	Project owner - Project - Role – Funder
2025	Ruralis – The costs for increasing food self-sufficiency to 50 per cent – Project leader – Norwegian Farmers and Smallholders Union
2025	Ruralis – Grazing subsidies – Project leader – Norwegian Environment Agency
2025	Ruralis – The value of agricultural support – Project leader – The Norwegian Animal Protection Alliance
2024-2025	SINTEF – Agriculture in the mountainous regions of Norway – Project member – National Centre for mountainous agriculture

2025-2029	Ruralis – Integrating climate, environment, and public health in the Norwegian food system to assess efficient, safe, and acceptable policy options (CHEOPS) – Project leader – Collaborative Project to meet Societal and Industry-related Challenges Research Council of Norway
2024-2025	Ruralis – Look to Switzerland: Can Swiss agri-environmental programs work in Norwegian agriculture? Project leader – Climate – and Environment Programme (Norwegian Agriculture Agency)
2023-2026	BOKU Vienna - GreeNet: Grassland conservation across European landscapes protecting biodiversity and ecosystem services with ecological networks – Work package leader – Biodiversa+ [Research Council of Norway]
2022-2025	IIASA (International Institute for Applied Systems Analysis) – LAMASUS: LAnd use and MAnagement modelling for SUStainable governance – Project member – Horizon Europe
2022-2025	ATB Potsdam – DairyMix: Multi-criteria assessment, decision support and management tools for sustainable circular mixed farming systems for dairy production – Project member – ERA-NET [Research Council of Norway]
2021-2025	Ruralis – LIMBO – Evaluating future ABM threats and developing strategies for Norwegian livestock farming – Project member – Research Council of Norway
2021-2025	Nofima – Sustainable Eater: Consumers in a sustainable Norwegian food system – Work package leader – Research Council of Norway
2021-2025	Cicero – VOM [Incentives for tools for the transformation of the food system] – Project participant – Research Council of Norway
2021-2026	Statistics Norway – Landwell: Climate-induced welfare impacts of ecosystem goods and services from agricultural and seminatural landscapes in Norway – Work package leader – Research Council of Norway
2021-2023	Ruralis– Model simulations for the Office of the Auditor General of Norway’s work on Norwegian food security – Project leader – Office of the Auditor General of Norway
2020-2022	Ruralis – CLIMPLEMENT-How farmers and agricultural actors can implement effective climate solutions – Work package leader – Research Council of Norway
2020	Private consultant – Modeling expertise for the Country study Norway – Project leader – OECD
2019-2022	Cicero/SSB – PLATON – a platform for open and nationally accessible climate policy knowledge, Work package leader – Research Council of Norway
2019-2022	Ruralis – PROTEIN2.0: The biosynthetic protein transition: assessing impacts, outcomes and opportunities for Norway’s post-animal bioeconomy – Work package leader – Research Council of Norway
2019-2022	Wageningen University – Modelling individual decisions to support the European policies related to agriculture (MIND-STEP) – Project member – H2020
2019	NIBIO – Income generation in agriculture: Status, variation and possible explanations – Project leader – Ministry of Finance and Ministry of Agriculture and Food
2019	NIBIO – Analysis for Klimakur 2030: Diet and food waste – Project leader – Norwegian Environmental Agency
2018-2019	NIBIO – Econometric analysis of the relationship between quantity, price and subsidies in animal production – Project leader – Agriculture and Food Industry Research Funds
2017-2020	Ruralis – Land fragmentation in agriculture – causes, consequences and measures (LANDFRAG) – Work package leader –Research Council of Norway

2017-2018	NIBIO – Further development of NIBIO's tools for economic assessment of GHG emissions from agriculture – Project leader – Ministry of Finance
2017-2018	NIBIO – Update of data for Norway in CAPRI (Common Agricultural Policy Regional Impact Modelling System) – Project leader – Norwegian Environment Agency
2015	NIBIO – Reduced emissions from production and consumption of red meat – Project leader – Green Tax Commission
2014-2017	Ruralis – Space, land and society: challenges and opportunities for production and innovation in agriculture based value chains (AGRISPACE) – Work package leader – Research Council of Norway
2012-2015	NILF – Exploring preferences among citizens and politicians for agriculture and agricultural policy – Project leader – Research Council of Norway
2010-2012	NILF – A political-economy model for Norwegian agriculture – Project leader – Research Council of Norway
2010-2012	NILF – The optimal choice and timing of agricultural policies in the presence of uncertainty – Project leader – Research Council of Norway
2010-2014	Skog og Landskap – Accounting for carbon and GHG emissions: balancing multiple landscape functions on farmland – Work package leader – Research Council of Norway
2009-2013	Ruralis – Structural changes in agriculture, rural communities and cultural landscapes (STRUCTURES) – Work package leader – Research Council of Norway
2006-2008	Skog og landskap – Landscape protection as a management tool – does it fulfil its aims? – Work package leader – Research Council of Norway
2006-2007	NILF – Internationalisation of Agricultural Policies: Consequences for the Agricultural Sector in Northern Norway – Project leader – Research Council of Norway
2005-2007	NILF – Further development of Jordmod with a focus on the food industry and farmers' adjustment to policy changes – Project leader – Research Council of Norway
2003-2006	NILF – Towards the operationalization of multifunctionality in the CAPRI modeling system – Project leader – Research Council of Norway

### Other relevant professional experiences

Year	Description – Role
2000-	<u>Professional membership</u> : European Association of Agricultural Economists, The Agricultural Economics Society
2000-	<u>Referee activities</u> : ca. 3-4 papers per year in high-ranked journals
2013-2020	Member of the Appointment Board, Norwegian Institute of Bioeconomy Research, Norway
2020-2022	External examiner for course ECN261 Agricultural Policy II at Norwegian University of Life Sciences (5 ECTS)

## Track record

42 peer-reviewed scientific publications in the Current Research Information System In Norway (CRISTIN)  
 Research Interest Score: 436.6 (Research Gate)  
 h-index: 13 excluding self-citations (Research Gate), 15 (Google Scholar)

### Scientific publications (10 most important)

1. Mittenzwei, K., Britz, W., and Burton, R. (2024). The potential impact of cultivated protein on agriculture in Norway. *Environmental Innovation and Societal Transitions*. 100960. DOI: <https://doi.org/10.1016/j.eist.2024.100960>
2. Mittenzwei, K., Berglann, H., Hoveid, Ø., Matthews, A. and Storm, H. (2024). Decomposing household income differences between farmers and non-farmers: Empirical evidence from Norway. *Journal of Agricultural Economics*. DOI: <https://doi.org/10.1111/1477-9552.12579>.
3. Storm, H., Heckeley, T., Baylis, K., and Mittenzwei, K. (2023). Identifying farmers' responses to changes in marginal and average subsidies using deep learning. *American Journal of Agricultural Economics*. DOI: <https://doi.org/10.1111/ajae.12442>.
4. Martinsson, E., Hansson, H., Mittenzwei, K., and Storm, H. (2023). Evaluating environmental effects of adopting automatic milking systems on Norwegian dairy farms. *European Review of Agricultural Economics*. DOI: <https://doi.org/10.1093/erae/jbad041>
5. Mittenzwei, K., Gustavsen, G.W., Grimsrud, K., Lindhjem, H. and Bjørkhaug, H. (2023). Perceived effects of climate policy on rural areas and agriculture: A rural-urban divide. *Journal of Rural Studies* 100. DOI: <https://doi.org/10.1016/j.jrurstud.2023.03.009>
6. Pérez Domínguez, I., del Prado, A., Mittenzwei, K., Hristov, J., Frank, S., Tabeau, A., Witzke, P., Havlik, P., Van Meijl, H., Lynch, J., Stehfest, E., Pardo, G., Barreiro-Hurle, J., Koopman, J. and Sanz Sánchez, M.J. (2021). Short- and long-term warming effects of methane may affect the cost-effectiveness of mitigation policies and benefits of low-meat diets. *Nature Food* 2:970-980. DOI: <https://doi.org/10.1038/S43016-021-00385-8>
7. Mitter, H., Techen, A.-K., Sinabell, F., Helming, K., Schmid, E., Bodirsky, B.L., Holman, I., Kok, K., Lehtonen, H., Leip, A., Le Mouél, C., Mathijs, E., Mehdi, B., Mittenzwei, K., Mora, O., Øistad, K., Øygarden, L., Priess, J.A., Reidsma, P., Schaldach, R., Schönhart, M., (2020). Shared Socio-economic Pathways for European agriculture and food systems. *The Eur-Agri-SSPs*. *Global Environmental Change* 65. DOI: <https://doi.org/10.1016/j.gloenvcha.2020.102159>
8. Choi, H.S., Jansson, T., Matthews, A. and Mittenzwei, K. (2020). European Agriculture after Brexit: Does Anyone Benefit from the Divorce? *Journal of Agricultural Economics* 72(1): 3-24. DOI: <https://doi.org/10.1111/1477-9552.12396>
9. Mittenzwei, K., Persson, T., Höglind, M. and Kværnø, S. (2017). Combined effects of climate change and policy uncertainty on the agricultural sector in Norway. *Agricultural Systems* 153: 118-126. DOI: <https://doi.org/10.1016/j.agsy.2017.01.016>
10. Bullock, D.S., Mittenzwei, K. and Wangsness, P. (2016). Balancing public goods in agriculture through Safe Minimum Standards. *European Review of Agricultural Economics* 43(4): 561-584. DOI: <https://doi.org/10.1093/erae/jbv037>

- Relevant software (administration, development and application) [technical solution in GAMS]:

**Jordmod:** Spatial, comparative-static, forward-looking quantitative partial equilibrium model for the agricultural sector of Norway

**Agrispace:** Spatial, dynamic, forward-looking quantitative partial equilibrium model for the agricultural sector of Norway comprising all individual active Norwegian farms

**CAPRI (Common Agricultural Policy Regional Impact Analysis):** Spatial, dynamic, forward-looking quantitative partial equilibrium model for the agricultural sector of Europe

**FarmDyn:** Detailed, bioeconomic model for single farms in Norway and other European countries

- Fellowships, awards and prizes:

2011: Anna Lindh Fellow, Europe Center, Stanford University, USA

2015: Sociologica Ruralis Best Paper Award for Bryden and Mittenzwei (2013)

2023: Top cited article in *Journal of Agricultural Economics* for Choi et al. (2020)