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.):	https://orcid.org/0000-0001-5228-9502		
URL for personal website:	https://ruralis.no/en/employees/klaus-mittenzwei/		

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

Career breaks

Year	Reason
N/A	

Project management experience

Year	Project owner - Project - Role – Funder
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]
2021-2023	Riksrevisjonen – Forvaltningsrevisjon av norsk matvareberedskap og -sikkerhet – Project leader- Riksrevisjonen
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
2021-2024	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
2021-2022	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

Supervision of students

(Total number of students)

Master's students	Ph.D. students	University/institution – Country
3		Norwegian University of Life Sciences, Norway
1		Martin-Luther University of Halle-Wittenberg
1		University of Oslo

Other relevant professional experiences

Year	Description – Role
2014	FACCE-JPI MACSUR "Economics of integrated assessment approaches for agriculture and the food sector", TradeM International workshop, 25.-27.11.14, Norway –Local and scientific organizer
2017	FACCE-JPI MACSUR "Assessing climate change adaptation and mitigation options: The regional and policy dimension", TradeM International workshop, 9.-12.10.17, Norway – Local and scientific organizer
2019	171th EAAE-seminar "Measuring and evaluating farm income and well-being of farm families in Europe: Towards a shared and broader approach for analysis and policy design", 5.-6.9.19, Switzerland – Member of Scientific Committee
2013-2020	Member of the Appointment Board, Norwegian Institute of Bioeconomy Research, Norway
2020-2022	External examinator for course ECN261 Agricultural Policy II at Norwegian University of Life Sciences (5 ECTS)

Track record

33 peer-reviewed scientific publications in the Current Research Information System In Norway (CRISTIN)
Research Interest Score: 289.2 (Research Gate)
h-index: 10 excluding self-citations (Research Gate), 14 (Google Scholar)
Last updated: 14.03.2023

Scientific publications

1. Gustavsen, G. and Mittenzwei, Kl. (2022). Potential demand for synthetic meat. Proceedings in Food System Dynamics. DOI: https://doi.org/10.18461/pfsd.2022.2204
2. 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
3. Neuenfeldt, S., Gocht, A., Heckelei, T., Mittenzwei, K. and Ciaian, P. (2021). Using Aggregated Farm Location Information to Predict Regional Structural Change of Farm Specialisation, Size and Exit/Entry in Norway Agriculture. Agriculture 11(7). DOI: https://doi.org/10.3390/agriculture11070643
4. Mittenzwei, K. (2020). Arealbytte og transport langs vei i jordbruket. Kart og Plan. 113(4): 218-238. DOI: https://doi.org/10.18261/issn.2535-6003-2020-04-02 (Open access: https://nibio.brage.unit.no/nibio-xmlui/handle/11250/2736447
5. Mittenzwei, K. (2020). Greenhouse gas emissions in Norwegian agriculture: The regional and structural dimension. Sustainability 12(6): 2506. DOI: https://doi.org/10.3390/su12062506
6. Mittenzwei, K. and Øygarden, L. (2020). The Increasing Impact of Environmental Policies on Agriculture: Perspectives from Norway. Journal of Applied Business and Economics 22(6). DOI: https://articlegateway.com/index.php/JABE/article/view/3076
7. Mitter, H., Techen, A.-K., Sinabell, F., Helming. K., Schmid, E., Bodirsky, B.L., Holman, I., Kok, K., Lehtonen, H., Leip, A. Le Mouël, 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. Mitter, H., Techen, A.-K., Sinabell, F., Helming. K., Kok, K., Priess, J.A., Schmid, E., Bodirsky, B.L., Holman, I., Lehtonen, H., Leip, A. Le Mouël, C., Mathijs, E., Mehdi, B., Michetti, M., Mittenzwei, K., Mora, O., Øygarden, L., Reidsma, P., Schaldach, R., Schönhart, M. (2019). A protocol to develop Shared Socio-economic Pathways for European agriculture. Journal of Environmental Management 252. DOI: https://doi.org/10.1016/j.jenvman.2019.109701.
10. Gezelius, S.S. and Mittenzwei, K. (2019). Forskerens frihet når interesser vil styre. Pp. 45-68 in: Ingierd, Bay-Larsen og Hiis Hauge (eds). Interessekonflikter i forskning. Cappelen Damm Akademisk. DOI: https://doi.org/10.23865/noasp.63
11. Bullock, D.S., Mittenzwei, K. and Josling, T. (2019). Social Welfare Effects of Transparency and Misinformation in a Political Economy. Journal of Agricultural and Applied Economics 51(3): 485-494. DOI: https://doi.org/10.1017/aae.2019.17
12. Mittenzwei, K. and Britz, W. (2018). Analysing farm-specific payments for Norway using the Agrispace model. Journal of Agricultural Economics 69(3): 777-793. DOI: https://doi.org/10.1111/1477-9552.12268
13. Mittenzwei, K., Storm, H. and Heckelei, T. (2018). Farm labor and farm income: case study from Norway. pp. 152-168 in: Mishra, A.K., Viaggi, D. and Gomez y Paloma, S. (eds). Public Policy in Agriculture. Impact on Labor Supply and Household Income. Routledge. London and New York. Link: https://www.taylorfrancis.com/chapters/edit/10.4324/9781315624440-9/farm-labor-farm-income-case-study-norway-klaus-mittenzwei-hugo-storm-thomas-heckelei
14. Mittenzwei, K. and Mann, S. (2017). The rationale of part-time farming: empirical evidence from Norway. International Journal of Social Economics 44(1): 53-59. DOI: https://doi.org/10.1108/IJSE-10-2014-0207

15. Özkan Gülzari, S., Aspeholmen Åby, B., Persson, T., Höglind, M. and Mittenzwei, K. (2017). Combining models to estimate the impacts of future climate scenarios on feed supply, greenhouse gas emissions and economic performance on dairy farms in Norway. Agricultural Systems 157: 157-169. DOI: https://doi.org/10.1016/j.agsy.2017.07.004
16. 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
17. 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
18. Mittenzwei, K., Mann, S., Refsgaard, K. and Kvakkestad, V. (2016). Hot cognition in agricultural policy preferences in Norway? Agriculture and Human Values 33: 61-71. DOI: https://doi.org/10.1007/s10460-015-9597-8
19. Mittenzwei, K., (2016). Importvern og handelspolitiske avtaler. pp. 41-53. In: Hegrenes, A., Mittenzwei, K. and Prestegard, S.S. (2016) (eds.) Norsk jordbrukspolitikk: handlingsrom i endring. Fagbokforlaget. Link: https://www.fagbokforlaget.no/Norsk-jordbrukspolitikk/I9788245017434
20. Mittenzwei, K. and Grønlund, A. (2016). Modellbasert analyse av handlingsrommet. Pp. 254-267. In: Hegrenes, A., Mittenzwei, K. and Prestegard, S.S. (2016) (eds.) Norsk jordbrukspolitikk: handlingsrom i endring. Fagbokforlaget. Link: https://www.fagbokforlaget.no/Norsk-jordbrukspolitikk/I9788245017434
21. Mittenzwei, K., Hegrenes, A. and Prestegard, S.S. (2016). Det framtidige handlingsrommet: Størrelse og utnyttelse. Pp. 268-282. In: Hegrenes, A., Mittenzwei, K. and Prestegard, S.S. (2016) (eds.) Norsk jordbrukspolitikk: handlingsrom i endring. Fagbokforlaget. Link: https://www.fagbokforlaget.no/Norsk-jordbrukspolitikk/I9788245017434
22. Storm, H., Mittenzwei, K. and Heckelei, T. (2015). Direct payments, spatial competition and farm survival in Norway. American Journal of Agricultural Economcis 97(4): 1192-1205. DOI: https://doi.org/10.1093/ajae/aau085
23. Mittenzwei, K., Britz, W. and Wiek, C. (2014). Does the „green box" of the European Union distort global markets? Bio-based and Applied Economics. DOI: https://doi.org/10.13128/BAE-13622
24. Mittenzwei, K. and Josling, T.E. (2014). Adding Value to Applied Policy Models. The Case of the WTO and OECD Support Classification Systems. Journal of Modern Accounting and Auditing 10(4): 450-478
25. Josling, T. and Mittenzwei, K. (2013). Transparency and timeliness: the monitoring of agricultural policies in the WTO using OECD data. World Trade Review 12(3): 533-547. DOI: https://doi.org/10.1017/S1474745612000535
26. Bryden, J. and Mittenzwei, K. (2013). Academic Freedom, Democracy and the Public Policy Process. Sociologia Ruralis 53(3): 311-330. DOI: https://doi.org/10.1111/soru.12012
27. Mann, S. Mittenzwei, K. and Hasselmann, F. (2013). The importance of succession on business growth: A case study of family farms in Switzerland and Norway. Yearbook of Socioeconomics in agriculture 11: 109-137.
28. Mittenzwei, K., Bullock, D.S., and Salhofer, K. (2012). Towards a theory of policy timing. Australian Journal of Agricultural and Resource Economics 56(4): 583-596. DOI: https://doi.org/10.1111/j.1467-8489.2012.00601.x
29. Mittenzwei, K., Lien, G., Fjellstad, W. and Øvren, E. (2010). Effects of Landscape protection on farm management and farmers' income in Norway. Journal of Environmental Management. Ecological Indicators 7(4): 827-838. DOI: https://doi.org/10.1016/j.jenvman.2009.11.002
30. Britz, W. and Mittenzwei, K. (2009). Spatial Down-Scaling as a Tool to Improve Multifuncationality Indicators in Economic Models. In: Findley, P. (ed). Environmental Modellling: New Research. Nova Science Publishers. Link: http://www.novapublishers.org/catalog/product_info.php?products_id=7977
31. Fjellstad, W.J., Mittenzwei, K., Dramstad, W., Øvren, E. (2009). Landscape protection as a tool for managing agricultural landscapes in Norway. Environmental Science and Policy 12(8): 1144-1152. DOI: https://doi.org/10.1016/j.envsci.2009.01.009
32. Mittenzwei, K., Fjellstad, W., Dramstad, W., Flaten, O., Gjertsen, A.K., Loureiro, M. og Prestegard,S.S. (2007). Opportunities and limitations in assessing the multifunctionality of agriculture within the CAPRI model. DOI: https://doi.org/10.1016/j.ecolind.2006.10.002
33. Mittenzwei, K., Asheim, L.J., Adenäuer, M. and Prestegard, S.S. (2006). Medium-term EU integration impacts on Norwegian agriculture: A partial equilibrium analysis. Acta Agriculturæ Scandinavica C – Food Economics 3: 35-47. DOI: https://doi.org/10.1080/16507540600682453

- Relevant software (administration, development and application):

Jordmod: Spatial, comparative-static, forward-looking quantitative partial equilibrium model for the agricultural sector of Norway (technical solution in GAMS)

Agrispace: Spatial, dynamic, forward-looking quantitative partial equilibrium model for the agricultural sector of Norway comprising all individual active Norwegian farms (technical solution in GAMS)

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

FarmDyn: Detailed, bioeconomic model for single farms in Norway and other European countries (technical solution in GAMS)

- 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)