

# CAROLINE MIEHE

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NOVAFRICA, Rua da Holanda 1, 2775 – 405 Carcavelos, Portugal • born on Sep 29, 1993, in Berlin, Germany

<b>Mission statement</b>	I conduct randomized experiments in sub-Saharan Africa to explore how economic principles – such as decision-making under risk and asymmetric information – can inform strategies that enhance agricultural technology adoption and climate disaster management, to strengthen the resilience of farmers and communities facing poverty and climate change.			
<b>Education</b>	<b>KU Leuven, Belgium</b> Doctor of Economics, 2019 – 2023 Ph.D. supervisor: Jo Swinnen  Master of Business Administration, 2017 – 2018 graduated with 87,75% (greatest distinction)  <b>University of Potsdam, Germany</b> Bachelor of Business Administration, 2012 – 2016 graduated with 82% (great distinction)			
<b>Relevant working experience</b>	2024 – now	Postdoctoral researcher	NOVAFRICA, Nova University Lisbon, Portugal	
	2019 – 2023	Ph.D. candidate & teaching assistant	LICOS, KU Leuven, Belgium	
	2022 – 2022	Research employee	DEC, Wageningen University, Netherlands	
	2013 – 2015	Teaching assistant	University of Potsdam, Germany	
<b>Publications</b>	Journal articles	Miehe, C., Nabwire, L., Sparrow, R., Spielman, D. J., & Van Campenhout, B. (in press). Miracle seeds: Biased expectations, complementary input use, and the dynamics of smallholder technology adoption. <i>Economic Development and Cultural Change</i> .  De, A., Miehe, C., & Van Campenhout, B. (2024). Gender bias in customer perceptions: The case of agro-input dealers in Uganda. <i>Agricultural Systems</i> , 217, 103954.  Mogues, T., Van Campenhout, B., Miehe, C., & Kabunga, N. (2023). The impact of community-based monitoring on public service delivery: A randomized control trial in Uganda. <i>World Development</i> , 172, 106374.		
	Peer-reviewed report	Van Campenhout, B., Kabunga, N., Mogues, T., & Miehe, C. (2021). Community advocacy forums and public service delivery in Uganda. <i>3ie Impact Evaluation Report</i> 136.		
	Book chapter	Swinnen, J., Miehe, C., & Emmers, D. (2021). COVID-19 en voedselzekerheid. In B. Pattyn, & P. d’Hoine (Eds.), <i>Lessen voor de 21ste eeuw: Weten wat telt in tijden van crisis</i> (pp. 69–84). Leuven Univ. Press.		

## Discussion papers

Miehe, C., Sparrow, R., Spielman, D. J., & Van Campenhout, B. (2023). The (perceived) quality of agricultural technology and its adoption: Experimental evidence from Uganda. *IFPRI Discussion Paper 2198*, will be submitted to *The Review of Economics and Statistics*.

Miehe, C., Van Campenhout, B., Nabwire, L., Sparrow, R., & Spielman, D. J. (2023). Miracle seeds: Biased expectations, complementary input use, and the dynamics of smallholder technology adoption. *IFPRI Discussion Paper 2183*, in press at *Economic Development and Cultural Change*.

De, A., Miehe, C., & Van Campenhout, B. (2022). Gender bias in consumer perceptions: The case of agro-input dealers in Uganda. *IFPRI Discussion Paper 2132*, published in *Agricultural Systems*.

Kabunga, N., Miehe, C., Mogues, T., & Van Campenhout, B. (2020). Community based monitoring and public service delivery: Impact, and the role of information, deliberation, and jurisdictional tier. *IFPRI Discussion Paper 1933*, published in *World Development*.

## Media

Miehe, C., Nabwire, L., Sparrow, R., Spielman, D. J., & Van Campenhout, B. (2025, May 21). How misinformation and mismatched expectations reduce adoption of improved seeds. *VoxDev Article*.

Miehe, C., Nabwire, L., Sparrow, R., Spielman, D. J., & Van Campenhout, B. (2023, June 22). “Miracle seeds,” informational curses? The risk of high expectations for new agricultural technologies. *IFPRI Blog: Research Post*.

De, A., Miehe, C., & Van Campenhout, B. (2023, March 17). This is a man’s world: Gendered perceptions of Ugandan agro-input dealers. *IFPRI Blog: Research Post*.

Van Campenhout, B., Miehe, C., Spielman, D. J., & Sparrow, R. (2022, April 4). What changed when Ugandan farmers rated input quality and local vendor services. *The Conversation*.

Van Campenhout, B., & Miehe, C. (2021, February 4). Does bottom-up monitoring improve public services? What we found in Uganda. *The Conversation*.

## Pre-analysis plans in AEA RCT Registry

2024 [Urbanization meets the environment](#)

2020 [Demand and supply factors constraining the sustainability of an efficient seed system](#)

2020 [Community advocacy forums and public service delivery](#)

## Conferences & seminars

Lisbon Micro Group (2025 in Lisbon, Portugal) • Economics Seminar at Wageningen University (2025 in Wageningen, Netherlands) • Nova Economics Club (2024 in Lisbon, Portugal) • NOVAFRICA Conference (2024 in Lisbon, Portugal) • CSAE Conference (2023 in Oxford, UK) • NL-CGIAR Conference (2022, online) • ISSD Africa Synthesis Conference (2022 in Kigali, Rwanda) • AgEconMeeting (2022 in Göttingen, Germany) • Wageningen University EconMonday Seminar (2022 in Wageningen, Netherlands) • LICOS Seminar (2022 in Leuven, Belgium) • LICOS Ideas Exchange (2021 in Leuven, Belgium) • ASSA Annual Meeting (2021, online) • AAEA Annual Meeting (2020, online)

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<b>Projects &amp; research grants</b>	2025 – 2026	NL-CGIAR: “Optimizing performance of improved seed varieties for smallholder farmers in Uganda” with R. Sparrow	161,537 €
	2024 – 2026	International Growth Centre: “Urbanization meets the environment” with P. C. Vicente, S. Leeffer, & J. Macdonald	87,878 £
	2023 – 2025	International Growth Centre: “Urbanization meets the environment” with P. C. Vicente, S. Leeffer, & J. Macdonald	85,049 £
	2019 – 2021	NL-CGIAR: “Policy and regulatory reform options for seed market development” with R. Sparrow, D. J. Spielman, B. Van Campenhout, & others	992,792 €
<b>Teaching experience</b>	2025 – 2025	<u>Development Economics</u>	Nova Univ. Lisbon, Portugal
	2021 – 2023	<u>Introduction to the economics of development</u>	KU Leuven, Belgium
	2021 – 2023	<u>Development economics</u>	KU Leuven, Belgium
	2020 – 2021	<u>Lessons for the 21st century</u>	KU Leuven, Belgium
	2015 – 2015	<u>Introduction to controlling &amp; cost accounting</u>	Univ. of Potsdam, Germany
	2013 – 2014	<u>Mathematics for economists I</u>	Univ. of Potsdam, Germany
<b>Field experience</b>	Jul – Aug 2024 in Mozambique	Design and implementation of intervention for <u>Urbanization meets the environment</u>	
	Jan – Feb 2022 in Uganda	Midline data collection, intervention implementation for <u>Demand and supply factors constraining the sustainability of an efficient seed system</u>	
	Apr – Jun 2021 in Uganda	Baseline data collection, intervention implementation for <u>Demand and supply factors constraining the sustainability of an efficient seed system</u>	
	Aug 2019 in Uganda	Preparation of endline data collection for <u>Community advocacy forums and public service delivery</u>	
<b>Memberships</b>	Since 2024	Lisbon Micro Group (LMG)	
	Since 2023	American Economic Association (AEA)	
	Since 2023	European Economic Association (EEA)	
	Since 2022	European Association of Agricultural Economists (EAAE)	
	Since 2020	Agricultural & Applied Economics Association (AAEA)	
<b>Peer reviews</b>	PLOS ONE • Journal of the AAEA • XVIII Congress of the EAAE		
<b>Languages</b>	German (native) • English (fluent) • Dutch (fluent) • Spanish (basic)		
<b>Software</b>	R • LyX/LaTeX • GitHub • Microsoft Office		
<b>References</b>	Jo Swinnen • Ph.D. supervisor IFPRI, KU Leuven <a href="#">email</a>		Bjorn Van Campenhout • mentor IFPRI, KU Leuven <a href="#">email</a>
	Pedro C. Vicente • supervisor Nova University Lisbon <a href="#">email</a>		Robert Sparrow • former supervisor Wageningen University <a href="#">email</a>