

# Dr. Stefan Seifert – Curriculum Vitae

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Agriculture and Food Business Management  
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## Current Positions

- 04/2022- **Georg-August-Universität Göttingen, Germany**  
Postdoc, Agriculture and Food Business Management Group (Prof. Dr. S. Hüttel), Department of Agricultural Economics and Rural Development
- 01/2022- **Rheinische Friedrichs-Wilhelms-Universität Bonn**  
Member of the DFG Collaborative Research Center DETECT “Regional Climate Change: The Role and Land Use and Water Management” (DFG CRC 1502)
- 2017- **NHH Norwegian School of Economics, Bergen, Norway**  
Lecturer for efficiency and productivity analysis

## Professional Experience

- 2017-2022 **Rheinische Friedrichs-Wilhelms-Universität Bonn**  
Postdoc, Chair of Production Economics (Prof. Dr. S. Hüttel)
- 2018-2021 **German Institute for Economic Research, DIW Berlin**  
Visiting fellow, Department: Firms and Markets
- 2017 **German Institute for Economic Research, DIW Berlin**  
Postdoc, Department: Energy, Transportation, Environment  
Horizon 2020 SET-Nav
- 2017 **Technical University of Berlin**  
Lecturer, Chair of Econometrics and Business Statistics (Prof. A. Werwatz)
- 2017 **University of Potsdam**  
Lecturer, Chair for Economic Policy (Prof. Dr. A. Neumann)
- 2012–2016 **German Institute for Economic Research, DIW Berlin**  
Research Associate and PhD Student, Department: Firms and Markets  
Leibniz SAW Research Unit KOMIED (Prof. Dr. A. Cullmann)
- 2015 **NHH Norwegian School of Economics, Bergen, Norway**  
Guest researcher, Department for Business and Management Science
- 2010–2011 **German Institute for Economic Research, DIW Berlin**  
Research assistant, Department: Innovation, Manufacturing, Service  
EU FP7 Growth and Sustainability Policies for Europe
- 2008–2010 **Dresden University of Technology**  
Research assistant, Energy Economics and Public Sector Management (Prof. Dr. C. v. Hirschhausen), Institute for Applied Public Finances and Fiscal Policy (Prof. Dr. H. Seitz)

## Education

2017	Technical University Berlin, PhD in Economics (Dr. rer. oec., <i>summa cum laude</i> ) Title: “Efficiency and Productivity in Electricity Generation and Distribution” Supervisor: Prof. Dr. C. v. Hirschhausen (TU Berlin) Committee: Prof. Dr. E. Bjørndal (NHH Bergen), Prof. Dr. A. Cullmann (TU Berlin), Prof. Dr. G. Meran (TU Berlin)
2013-2017	PhD Student at DIW Graduate Center and TU Berlin
2011-2017	DIW Graduate Center, Berlin
2005-2010	Dresden University of Technology, Diploma in Economics (Dipl.Vw., <i>sehr gut</i> )
2007-2008	ESC Rennes (France), BSc programme International Business
2004	Abitur, Gymnasium Dresden-Klotzsche, Dresden

## Post-graduate Training

2023	“Endogeneity of Inefficiency and Spatial Effects”, S. Kumhakar, DIW Berlin
2021	“Research data management”, D. Bittner, Bonn Graduate Center
2017	“Econometrics of Panel Data and Network Analysis”, J. Wooldridge, HU Berlin
2011–2016	DIW Masterclasses, e.g., “Structural production function estimation” (D. Coublucq), “Dynamic games” (U. Doraszelski), “Panel Data Econometrics” (J. Breitung), “Production and Cost” (J. De Loecker), “Machine Learning in Economics” (S. Ryan), “Efficiency Analysis of Infrastructure Companies” (S. Kumbhakar)
2015	“Theory and Practice of Efficiency and Productivity Measurement”, S. Kumbhakar and C. Parmeter, Universidad Santo Tomas
2014	“Efficiency Analysis of Municipal Services & Infrastructure ”, P. Bogetoft, TU Berlin
2013	“Advanced Methods in Efficiency and Productivity Analysis”, T. Kuosmanen, A. Johnson, C. Parmeter, Aalto Business School
2011–2012	DIW Graduate Center, post-graduate courses at TU Berlin, FU Berlin and HU Berlin
2010	“Benchmarking and Productivity Analyses with Economic Applications”, P. Bogetoft, Copenhagen Business School

## Conference Presentations

- 2023 XVII Congress of the EAAE (Rennes, France); GeWiSoLa 2023 and GeWiSoLa pre-conference workshop (Göttingen, Germany); North American Productivity Workshop (Miami, USA)
- 2022 European Workshop on Efficiency and Productivity Analysis (Porto, Portugal); ICABR 2022 (Bologna, Italy); GeWiSoLa 2022 (Stuttgart, Germany); FORLand webinar (DFG FOR 2569 Seminar)
- 2021 North American Productivity Workshop (Miami, USA); XVI Congress of the EAAE (Prague, Czech); FORLand Webinar (DFG FOR 2569 Seminar)
- 2020 North American Productivity Workshop (Miami, USA); Gewisola Annual Meeting (Halle, Germany); American Association of Wine Economists (Padua, Italy, cancelled); XVI Congress of the EAAE (Prague, Czech, cancelled)
- 2019 European Workshop on Efficiency and Productivity Analysis (London, UK); EAAE Seminar Agricultural Land Markets, (Berlin, Germany); 3rd REECAP meeting, (Osnabrück, Germany)
- 2018 Spring Meeting of Young Economists, (Palma de Mallorca, Spain); North American Productivity Workshop, (Miami, USA)
- 2017 European Workshop on Efficiency and Productivity Analysis, (London, UK); American Association of Wine Economists, (Padua, Italy); Econometrics of Panel Data and Network Analysis, (Berlin, Germany); Agricultural Economics Society Annual Conference, (Dublin, Ireland)
- 2016 North American Productivity Workshop, (Quebec, Canada); Workshop on Empirical Methods in Energy Economics, (Oviedo, Spain)
- 2015 German Economic Association (VfS), Annual Conference, (Münster, Germany); European Association for Research in Industrial Economics, (Munich, Germany); European Workshop on Efficiency and Productivity Analysis, (Helsinki, Finland); KOMIED Conference, (Berlin, Germany); Benchmarking Public Utilities, (Bremen, Germany)
- 2014 German Statistical Week, (Hannover, Germany); North American Productivity Workshop, (Ottawa, Canada)
- 2013 European Workshop on Efficiency and Productivity Analysis, (Helsinki, Finland)
- 2011 European Workshop on Efficiency and Productivity Analysis, (Verona, Italy)

## Invited Talks and Seminars

- 2023 “Farmland price formation in North Rhine-Westphalia”, Keynote speaker at the annual meeting of authorized appraisers, Chamber of Agriculture NRW  
“On the price determinants of arable land prices in Saxony-Anhalt”, Gutachterausschuss für Grundstückswerte Saxony-Anhalt
- 2020 “Determinants of farmland values”, Bundesanstalt für Immobilienangelegenheiten (BImA), Bonn, cancelled due to Corona pandemic  
“Animal welfare and efficiency in pork production”, Seminar, University of Loughborough UK
- 2019 “Animal welfare and efficiency in pork production”, ILR Seminar, University of Bonn
- 2018 “An offer that you can’t refuse? Agrimafias and Migrant Labor on Vineyards in Southern Italy”, Seminars at University of Verona and Loughborough University  
“Q-Gis vs R: An introduction on how to create and use maps for economists”, Seminar at University of Verona, Italy, with V. Licio  
“Are Outages Homogeneous among Nuclear Reactor Technologies? Evidence from Machine Learning Approaches” TU Berlin, BELEC Infraday 2018  
Talks at *Gutachterausschuss für Grundstückswerte* for Saxony-Anhalt (Magdeburg) on the estimation of farmland standard values
- 2017 “An offer that you can’t refuse? Agrimafias and Migrant Labor on Vineyards in Southern Italy”, DIW Berlin, Brown Bag Seminar
- 2015 “Norwegian Municipalities and Electricity Distribution Companies”, DIW Berlin, Workshop Stadtwerke Economics
- 2014 “Technical Change and Technology Convergence in German Electricity and Heat Generation : A StoNED Metafrontier Analysis”, DIW Berlin, Brown Bag Seminar
- 2010 “The Impact of Governance Structure on Firm Performance: An Application to the German Water Distribution Sector”, Seminar at Chaire EPPP, IAE Panthéon Sorbonne Paris, France, with M. Zschille and S. Ruester

## Awards and Scholarships

- 2021 GeWiSoLa Best Paper Award for “On the price effect of a right-of-first-refusal in farmland auctions”
- 2020 AAWE Award of Excellence by the American Association of Wine Economists
- 2017 Christophe Baron Prize of the American Association of Wine Economists
- 2016 Research Scholarship of the American Association of Wine Economists  
TU Berlin TU-DOC conference grant “Empirical Methods in Energy Economics”
- 2015 E.ON Stipendienfonds research grant for collaboration with NHH Bergen, Norway  
DAAD PROMOS travel grant for summer school “Theory and Practice of Efficiency and Productivity Measurement”
- 2011–2016 DIW Graduate Center PhD scholarship

## Conference organization

2022	EAAE AgEconMeet 2022 Göttingen, Local organizing committee
2019	AukLand Workshop – Policy workshop in cooperation with the German Federal Ministry for Food and Agriculture
2018	FORLand workshop – Policy and project workshop at University of Bonn
2012-2017	Infratrain Autumn School – Administration and Programme Committee

## Refereeing and Membership

Reviewer	Applied Economic Letters, American Journal of Agricultural Economics, Environmental Science and Pollution Research, Empirical Economics, Energy Economics, Energy Policy, European Journal of Operational Research, Healthcare, Heliyon, Journal of Agricultural Economics, Land Use Policy, Local Government Studies, Q Open, Social Sciences, The Energy Journal
Membership	German Economic Society, European Economic Association, European Association for Research in Industrial Economics, European Association of Agricultural Economists, German Association of Agricultural Economists, International Society for Efficiency and Productivity Analysis

## Skills

Computer:	Advanced R including parallel computing, remote processing, MC simulation, spatial analysis and visualization, optimization, mathematical programming; $\LaTeX$ , working knowledge in GAMS, STATA, LIMDEP, QGIS
Languages:	German (native), English (fluent), French (advanced), Italian (basic)

## Publications in Refereed Journals

- Seifert, S., Hüttel, S. (2023) “Is there a risk of a winner’s curse in farmland auctions?”, *European Review of Agricultural Economics*, 50(3), 1140-1177.
- Humpesch, M., Seifert, S., Balmann, A., Hüttel, S. (2023) “How does tenancy affect farmland prices? Effects of lease status, lease term and buyer type”, *Agricultural Finance Review*, 83(2), 242-263.
- Isenhardt, L., Seifert, S., Hüttel, S. (2023) “Tenant favoritism and right of first refusals in farmland auctions: competition and price effects”, *Land Economics*, 99(2), 302-324.
- Seifert, S., Kahle, C., Hüttel, S. (2021) “Price dispersion in thin farmland markets: What is the role of asymmetric information?”, *American Journal of Agricultural Economics*, 103(4), 1545-1568.
- Balmann, A., Graubner, M., Müller, D., Hüttel, S., Seifert, S., Odening, M., Plogmann, J., Ritter, M. (2021) “Market Power in Agricultural Land Markets: Concepts and Empirical Challenges”, *German Journal of Agricultural Economics*, 70(4), 213-235.
- Uehleke, R., Seifert, S., Hüttel, S. (2021) “Do Animal Welfare Schemes Promote Better Animal Health? An Empirical Investigation of German Pork Production”, *Livestock Science*, 247, 104481
- Witzke, K.v., Filler, G., Odening, M., Seifert, S., Hüttel, S., Uehleke, R. (2020) “Auktionen als Transaktionsform für landwirtschaftlichen Boden ”, *Berichte über Landwirtschaft*, 98(2), 1-34
- Ritter, M., Hüttel, S., Odening, M., Seifert, S. (2020) “Revisiting the relationship between land price and parcel size”, *Land Use Policy*, 97, 104771
- Nieswand, M., Seifert, S. (2018) “Environmental Factors in Frontier Estimation - A Monte Carlo Analysis”, *European Journal of Operational Research*, 265(1), 133-148.
- Seifert, S., Cullmann, A. Hirschhausen, C.v. (2016) “Technical Efficiency and CO<sub>2</sub> Reduction Potentials - An Analysis of the German Electricity Generating Sector”, *Energy Economics*, 56, 9-19
- Seifert, S., Nieswand, M. (2014) “Some Determinants of Intermediate Local Governments’ Spending Efficiency: The Case of French Départements”, *Local Government Studies*, 40(5), 766-790.

## Papers under review

- Seifert, S., Hüttel, S., Werwatz, A. “Organic cultivation and farmland prices: does certification matter?”, R&R at the *American Journal of Agricultural Economics*

## Policy Reports and Other Publications

- Hüttel, S., Seifert, S., Schöndube, A. (2023) “Kaufpreisanalyse für Ackerland in Sachsen-Anhalt mittels hedonischer Regression”, *LSA Verm*, 29(2), in press October 2023
- Janze, C., Schmidt, S., Laux, S., v. Plettenberg, L., Uehleke, R., Seifert, S., Schukat, S., Mohrmann, S., Isenhardt, L., Langer, G. (2023) “Konjunkturbarometer Agribusiness in Deutschland 2023”, Ernst & Young Wirtschaftsprüfung

- Balman, A., Demoustier, J., Grau, A., Graubner, M., Hüttel, S., Kahle, C., Müller, D., Odening, M., Plogmann, J., Ritter, M., Seifert, S. (2021): “Marktmacht in landwirtschaftlichen Bodenmärkten – Bedeutung, Messung, Abgrenzung”, Technical report, BLE and Ministry for Food and Agriculture, 2021
- Hüttel, S., Seifert, S., Uehleke, R., Odening, M., Filler, G., von Witzke, K., Graubner, M., Balman, A. “Preisbildung bei Auktionen auf dem Bodenmarkt: Analyse der Unterschiede zwischen Landwirten und Nichtlandwirten”, Technical report, BLE Entscheidungshilfe 2818HS001, 2020.
- Contribution to R package *Benchmarking* by P. Bogetoft and L. Otto. Function to estimate stochastic non-smooth envelopment of data (StoNED), 2020
- Seifert, S. “Productivity and efficiency in electricity generation and distribution”, Dissertation, TU Berlin, doi.org/10.14279/depositonce-5646, 2016
- Cullmann, A., Nieswand, M., Seifert, S., Stiel, C. “No Differences in Efficiency Between Public and Private Utilities”, *DIW Economic Bulletin*, 20, 2016
- Cullmann, A., Nieswand, M., Seifert, S., Stiel, C. “A (Re)Municipalization Trend Among Energy Utilities: Truth or Myth?”, *DIW Economic Bulletin*, 20, 2016
- Cullmann, A., Nieswand, M., Seifert, S., Stiel, C. “Keine Effizienzunterschiede zwischen öffentlichen und privaten Energieversorgungsunternehmen”, *DIW Wochenbericht* 20, 448-453, 2016.
- Cullmann, A., Nieswand, M., Seifert, S., Stiel, C. “Trend zur (Re-)Kommunalisierung in der Energieversorgung: Ein Mythos?”, *DIW Wochenbericht*, 20/2016, 441-447, 2016.
- Media coverage: e.g., Berliner Zeitung, Der Tagesspiegel, SonneWind&Wärme
- Seifert, S. “Effizienzanalysemethoden in der Regulierung deutscher Elektrizitäts- und Gasversorgungsunternehmen”, *DIW Round-up Politik im Fokus*, 40, 2014

## Work in progress

Seifert, S., Wolff, S., Hüttel, S. “Eco-efficiency of Agricultural Landscapes – Insights from North Rhine-Westphalia, Germany”.

Burchfield, E., Ferro, M. Hüttel, S., Lakes, T., Leonhardt, H., Niedermayr, A., Rissing, A., Seifert, S., Wesemeyer, M. “Towards comparative analysis of agricultural land systems in the EU and US: Data and research agenda”.

Seifert, S., Andert, S., Gerowitt, B., Hüttel, S., Uehleke, R. “On-farm herbicide use efficacy in maize (*Zea Mays* L.) production under preventive weed management practices”.

Leonhardt, H., Wesemeyer, M., Eder, A., Frankenfeld, F., Schaak, H., Seifert, S., Wolff, S. “Using the Integrated Administration and Control System’s Plot-level Data: A Scoping Review”.

## Working Papers and Conference Papers

Seifert, S., Hüttel, S., Werwatz, A. “Organic cultivation and farmland prices: Does certification matter?”, FORLand Working Paper 28, 2023

Humpesch, M., Seifert, S., Balman, A., Hüttel, S. “How does Tenancy Affect Farmland Prices? Effects of Lease Status, Lease Term, and Buyer Type”, GeWiSoLa Conference Papers for the 62nd Annual Conference. 2022

Seifert, S., Hüttel, S., “Common values and unobserved heterogeneity in farmland auctions in Germany”, FORLand Working Paper 21, 2020

Uehleke, R., Seifert, S., Hüttel, S., “Animal welfare and production efficiency in German pork production”, Conference Papers for the 94th Annual Conference of the AES, 2020.

Seifert, S., Kahle, C., Hüttel, S. “Price dispersion in thin farmland markets: What is the role of asymmetric information?”, *Conference Papers for the 165th EAAE Seminar*, 2019

Ritter, M., Hüttel, S., Odening, M., Seifert, S. “Revisiting the relationship between land price and parcel size”, FORLand Working Paper 8, 2019

Seifert, S., Valente, M. “An offer that you can’t refuse? Agrimafias and Migrant Labor on Vineyards in Southern Italy”, DIW Working Paper 1735, 2018

Media coverage: TheStreet, 10/2018, “The wine workers we don’t see“

Nieswand, M., Seifert, S. “Operational Conditions in Regulatory Benchmarking Models - A Monte-Carlo Study”, DIW Working Paper 1585 (2016)

Seifert, S. “Semi-parametric Measures of Scale Characteristics of German Gas-fired Electricity Generation”, DIW Working Paper 1571 (2016)

Seifert, S. “Measuring Productivity When Technologies are Heterogeneous - A Semi-parametric Approach for Electricity Generation”, DIW Working Paper 1526 (2015)

Seifert, S., Cullmann, A., Hirschhausen, C.v. “Technical Efficiency and CO<sub>2</sub> Reduction Potentials - An Analysis of the German Electricity Generating Sector”, DIW Working Paper 1426 (2014)

Seifert, S., Nieswand, M. “Some Determinants of Intermediate Local Governments’ Spending Efficiency: The Case of French Départements”, DIW Working Paper 1130 (2011)



# External Funding and Projects

## Research Grants

2022-2025	DFG CRC 1502: DETECT – Regional Climate Change: Disentangling the Role of Land Use and Water Management, Principle investigator, project A05 <i>Representation of adaptation: the on-farm perspective</i>
2022-2025	EU COST Action CA20131 – Efficient Justice for All: Improving Court Efficiency through EU Benchmarking, Country representative, funding: travel costs
2020-2023	DFG FOR 2569: FORLand – Agricultural Land Markets – Efficiency and Regulation, Principle investigator, project <i>Is regulation of agricultural land markets warranted? - A microstructural investigation</i>
2019	AukLand – Price formation in land market auctions: Analysis of differences between farmers and non-agricultural investors, Federal Ministry of Food and Agriculture, applicant and research associate
2017	Illegal labor in agriculture, EU FADN, Applicant, Joint data access with M. Valente (Innsbruck University)
2015	German-Norwegian Scholarship Programme in Energy Sciences, E.ON Stipendienfonds research grant, applicant and research associate

## Other Policy and Research Projects

2020-2022	Transform2Bio – Integrated Transformation Processes and Their Regional Implementations: Structural Change from Fossil Economy to Bioeconomy, BioSC, Research associate
2018-2022	Scientific advice to the expert committee for land market valuation Saxony-Anhalt (Gutachterausschuss für Grundstückswerte) for the bi-annual land market report
2019	AukLand – Price formation in land market auctions: Analysis of differences between farmers and non-agricultural investors, Federal Ministry of Food and Agriculture, applicant and research associate
2018-2020	FORLand – Agricultural Land Markets – Efficiency and Regulation, DFG FOR 2569, Research associate
2012–2018	KOMIED – Municipal infrastructure companies against the background of energy policy and demographic change, Leibniz Association SAW-2013-DIW-5, Research associate
2017	SET-Nav – Navigating the Roadmap for Clean, Secure and Efficient Energy Innovation, EU Horizon 2020 for 2016–2019, Research associate
2015	German-Norwegian Scholarship Programme in Energy Sciences, E.ON Stipendienfonds research grant, Applicant and research associate
2010–2012	GRASP – Growth and Sustainability Policies for Europe, EU EC 7th Framework programme for research, Research associate

## Teaching - Post-graduate Courses

- 2018–2020 **Advanced Applied Econometrics**, PhD program in Agricultural Economics, TA with T. Heckelei, S. Hüttel
- 2017 **Data Analysis and Applications using R**, Infratrain Autumn School, TU Berlin, with M. Nieswand
- 2014 **Efficiency Analysis of Municipal Services & Infrastructure Industries**, Infratrain Autumn School, TU Berlin, TA with P. Bogetoft
- 2013 **Benchmarking Methods and Efficiency Measurement in the Electricity, Gas and Water sector**, Infratrain Autumn School, TU Berlin, TA with A. Cullmann
- 2012 **Regulatory Benchmarking for Network Industries**, Infratrain Autumn School, TU Berlin, TA with O. Badunenko

## Teaching - Master programs

- 2017-2023 **Benchmarking with DEA, SFA, and R**, NHH Norwegian School of Economics, Bergen, Master
- 2022-2023 **Scientific Working in Agricultural and Agribusiness Economics**, Göttingen University, with R. Uehleke
- 2023 **Scientific Writing in Agricultural Economics**, Göttingen University
- 2020-2021 **Extended Methods of Empirical Research: Quantitative Methods**, University of Bonn, with C. Yeh, J. Macht, U. Ploll
- 2019-2021 **Agricultural Production Economics**, University of Bonn, with S. Hüttel and Uehleke
- 2018-2021 **Production Economics and Farm Management**, University of Bonn, with R. Uehleke
- Research Seminar in Agribusiness**, University of Bonn, with R. Uehleke
- 2020 **Decision Theory and Risk Management**, University of Bonn, with S. Hüttel
- 2019 **Agricultural Policy Impact Analysis**, University of Bonn, with R. Uehleke
- 2018 **Advanced Applied Econometrics**, University of Bonn, with T. Heckelei, S. Hüttel
- 2017 **Data Analytics**, TU Berlin, with J. Kolbe
- 2012–2017 **Network and Infrastructure Regulation**, TU Berlin, Master
- Advanced Efficiency and Productivity Analysis**, TU Berlin, with A. Cullmann and M. Nieswand
- 2013 **Advanced Efficiency and Productivity Analysis**, Potsdam University, with A. Cullmann and M. Nieswand

## Teaching - Bachelor programs

- 2022-2023 **Methodische Grundlagen für empirische Forschung im Agribusiness**, Göttingen University, with S. Hüttel, D. Mörlein, S. Neugart, A. Spiller
- 2017 **Competition Theory and Policy**, Potsdam University
- Statistics for Economists**, TU Berlin

# Supervision

PhD	Co-supervision: Lars Isenhardt (ongoing), Moritz Hartig (ongoing), Wataru Kodama (ongoing)
Master's theses	First supervision: Henrik Schnitzer (2018, TU Berlin), Manuel David Vogel (2019, TU Berlin), Tonggao Ren (2019, Bonn), Mikael Dahlvik (2019, Bonn), Lars Isenhardt (2020, Bonn), Maximilian Humpesch (2021, Bonn), Franzis Esther-Heuing (2021, Bonn), Maximilian Weyer (2021, Bonn), Gregor von Wintzingerode (2022, Bonn), Richard Wiesen (2023, Göttingen)