

Dr. Stefan Seifert

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University of Bonn

Institute for Food and Resource Economics

Chair of Production Economics

Meckenheimer Allee 174

53115 Bonn

Germany

Current Position

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| 12/2017- | Postdoctoral researcher at the Chair of Production Economics, Institute for Food and Resource Economics, University of Bonn |
| 2022- | Member of the DFG Collaborative Research Center “Regional Climate Change: The Role of Land Use and Water Management” (SFB 1502) |
| 2021- | Member of the DFG Cluster of Excellence “PhenoRob – Robotics and Phenotyping for Sustainable Crop Production” (EXC 2070) |
| 2017- | Guest lecturer for efficiency and productivity analysis at NHH Bergen |

Research Interests

Primary: Applied microeconometrics, industrial economics

Secondary: Non-/semi-parametric frontier methods, regulatory economics

Education

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| 2011-2016 | PhD in Economics (Dr. rer. oec.) TU Berlin and Graduate Center of the German Institute for Economic Research |
| 2005-2010 | Diploma studies in Economics (Dipl.Vw.), TU Dresden, Germany |
| 2007-2008 | BSc programme International Business at ESC Rennes, France |

Professional Experience

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| 2018-2021 | Visiting fellow at the German Institute for Economic Research (DIW Berlin) |
| 2017 | Postdoctoral researcher, DIW Berlin, Department: Energy, Transportation, Environment |
| 2017 | Visiting lecturer TU Berlin, and University of Potsdam |
| 2012-2016 | PhD Student, DIW Berlin, Department: Firms and Markets |
| 2015 | Visiting researcher, NHH Bergen |
| 2010-2011 | Research assistant, DIW Berlin, Department: Innovation, Manufacturing, Service |
| 2008-2010 | Research assistant, TU Dresden, Chair for Energy Economics and Public Sector Management, Institute for Applied Public Finances and Fiscal Policy |

Publications in Refereed Journals

Balman, A., Graubner, M., Müller, D., Hüttel, S., Seifert, S., Odening, M., Plogmann, J., Ritter, M., “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., “Do Animal Welfare Schemes Promote Better Animal Health? An Empirical Investigation of German Pork Production”, *Livestock Science*, 247, 104481, 2021.

Seifert, S., Kahle, C. and Hüttel, S. “Price dispersion in thin farmland markets: What is the role of asymmetric

information?”, *American Journal of Agricultural Economics*, 103(4), 1545-1568, 2021

Witzke, K.v., Filler, G., Odening, M., Seifert, S., Hüttel, S. and Uehleke, R. “Auktionen als Transaktionsform für landwirtschaftlichen Boden”, *Berichte über Landwirtschaft*, 98(2), 1-34, 2020

Ritter, M., Hüttel, S., Odening, M. and Seifert, S. “Revisiting the relationship between land price and parcel size”, *Land Use Policy*, 97, 104771, 2020

Nieswand, M. and Seifert, S. “Environmental Factors in Frontier Estimation - A Monte Carlo Analysis”, *European Journal of Operational Research*, 265(1), 133-148, 2018

Seifert, S., Cullmann, A. and Hirschhausen, C.v. “Technical Efficiency and CO₂ Reduction Potentials - An Analysis of the German Electricity Generating Sector”, *Energy Economics*, 56, 9-19, 2016

Seifert, S. and Nieswand, M. “Some Determinants of Intermediate Local Governments’ Spending Efficiency: The Case of French Départements”, *Local Government Studies*, 40(5), 766-790, 2014

Papers under review or revision

Isenhardt, L., Seifert, S., Hüttel, S., “Right of First Refusals and Farmland Auctions in Eastern Germany”
Seifert, S., Hüttel, S., “Common values and unobserved heterogeneity in farmland auctions in Germany”

Policy Reports

Balmann, 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., Balmann, A. “Preisbildung bei Auktionen auf dem Bodenmarkt: Analyse der Unterschiede zwischen Landwirten und Nichtlandwirten”, Technical report, BLE Entscheidungshilfe 2818HS001, 2020

Cullmann, A., Nieswand, M., Seifert, S. and Stiel, C. “No Differences in Efficiency Between Public and Private Utilities”, *DIW Economic Bulletin*, 20, 2016

Cullmann, A., Nieswand, M., Seifert, S. and Stiel, C. “A (Re)Municipalization Trend Among Energy Utilities: Truth or Myth?”, *DIW Economic Bulletin*, 20, 2016

Seifert, S. “Effizienzanalysemethoden in der Regulierung deutscher Elektrizitäts- und Gasversorgungsunternehmen”, *DIW Round-up Politik im Fokus*, 40, 2014

Working Papers

Isenhardt, L., Seifert, S., Hüttel, S., “On the price effect of a right-of-first-refusal in farmland auctions”, *AES 95th Annual Conference Working Paper* (2021)

Uehleke, R., Seifert, S., Hüttel, S., “Animal welfare and production efficiency in German pork production”, *AES 94th Annual Conference Working Paper* (2020)

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

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)

Nieswand, M. and 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. and Hirschhausen, C.v. “Technical Efficiency and CO₂ Reduction Potentials - An Analysis of the German Electricity Generating Sector”, *DIW Working Paper 1426* (2014)

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

Policy and Research Projects

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| 2022-2025 | DFG Collaborative Research Center (CRC 1502), Regional Climate Change: Disentangling the Role of Land Use and Water Management, Deutsche Forschungsgemeinschaft, Principal investigator in project A05 |
| 2022-2025 | PhenoRob Open Call 2, A system perspective on robotics and sensing technology adoption (adop-TIS), Principal investigator |
| 2020-2023 | DFG Research unit FORLand (FOR 2569), Agricultural Land Markets - Efficiency and Regulation, Deutsche Forschungsgemeinschaft, Principal investigator |
| 2018-2021 | Scientific advice to the committee of experts for land market valuation of Saxony-Anhalt (Germany) for the land market report 2019 and 2021 |
| 2019-2020 | AukLand - Price formation in land market auctions: Analysis of differences between farmers and non-agricultural investors, Federal Ministry of Food and Agriculture, Research associate |
| 2019-2020 | Marktmacht - Market power in agricultural land markets, Federal Ministry of Food and Agriculture, Research associate |
| 2018-2020 | FORLand - Agricultural Land Markets - Efficiency and Regulation, Deutsche Forschungsgemeinschaft, Research associate |
| 2017 | FADN project on illegal labor in viticulture, EU FADN, Project leader and researcher |
| 2012-2018 | KOMIED - Municipal infrastructure companies against the background of energy policy and demographic change, Leibniz Association, Research associate |
| 2010-2012 | GRASP - Growth and Sustainability Policies for Europe, EU EC 7th Framework programme for research, Research associate |

Conference presentations

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| 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); American Association of Wine Economists (Padua, Italy, cancelled); XVI Congress of the EAAE (Prague, Czech, cancelled); GEWISOLA Annual meeting 2020 (Halle); CPP Seminar University of Loughborough (UK) |
| 2019 | European Workshop on Efficiency and Productivity Analysis (London, UK); EAAE Seminar Agricultural Land Markets (Berlin, Germany); 3rd REECAP meeting (Osnabrück, Germany); ILR Seminar, University of Bonn |
| 2018 | Spring Meeting of Young Economists (Palma de Mallorca, Spain); North American Productivity Workshop (Miami, USA); Seminar at University of Verona (Verona, Italy); CPP Seminar at the University of Loughborough (Loughborough, UK) |
| 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) |

Teaching

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| 2017-2021 | “Benchmarking with DEA, SFA, and R”, Master, Lecturer, NHH Bergen |
| 2020-2021 | “Quantitative Methods of Empirical Research”, Master, Lecturer, University of Bonn |
| 2018-2021 | “Agricultural Production Economics”, Master, Lecturer, University of Bonn |
| 2018-2021 | “Production Economics and Farm Management”, Master, Lecturer, University of Bonn |
| 2018-2019 | “Advanced Applied Econometrics”, PhD, Teaching Assistant, University of Bonn |
| 2019 | “Agricultural policy impact analysis”, Master, Lecturer, University of Bonn ”Eco-Efficiency measurement”, Master and PhD, Trainer, Infratraining Autumn School, TU Berlin |
| 2018 | “Advanced Applied Econometrics”, Master, Lecturer, University of Bonn |
| 2012-2017 | “Network and Infrastructure Regulation”, Master, Lecturer, TU Berlin “Advanced Efficiency and Productivity Analysis”, Master, Lecturer, TU Berlin |
| 2017 | “Competition Theory and Policy”, Undergrad, Lecturer, Potsdam University “Statistics for Economists”, Undergrad, Teaching assistant, TU Berlin “Data Analytics”, Master and PhD, Trainer, Infratraining Autumn School, TU Berlin |
| 2014 | “Efficiency Analysis of Municipal Services & Infrastructure”, Master and PhD, Junior trainer, Infratraining Autumn School, TU Berlin |
| 2013 | “Benchmarking Methods and Efficiency Measurement in the Electricity, Gas and Water sector”, Master and PhD, Junior trainer, Infratraining Autumn School, TU Berlin “Advanced Efficiency and Productivity Analysis”, Master, Lecturer, Potsdam University |
| 2012 | “Regulatory Benchmarking for Network Industries - Theory and Application to Electricity and Water”, Junior trainer, Infratraining Autumn School, TU Berlin |

Training

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| 2017 | “Econometrics of Panel Data and Network Analysis”, J. Wooldridge & S. Durlauf, HU Berlin |
| 2015 | Workshop “Theory and Practice of Efficiency and Productivity Measurement: Static and Dynamic Measurement”, S. Kumbhakar and C. Parmeter, Universidad Santo Tomas |
| 2013 | Summer School “Advanced Methods in Efficiency and Productivity Analysis”, T. Kuosmanen, A. Johnson, C. Parmeter, Aalto Business School |
| 2010 | PhD Course: “Benchmarking and Productivity Analyses with Economic Applications”, P. Bogetoft, Copenhagen Business School |
| 2009 | Infratraining Autumn School: “Innovation Econometrics: Theory and Applications”, TU Berlin |

Awards

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| 2021 | GeWiSoLa Best Paper Award for “On the price effect of a right-of-first-refusal in farmland auctions” with L. Isenhardt and S. Hüttel |
| 2020 | AAWE Award of Excellence of the American Association of Wine Economists |
| 2017 | Best paper award by the American Association of Wine Economists for “An offer that you can’t refuse? Agrimafias and Migrant Labor on Vineyards in Southern Italy” with M. Valente |
| 2017 | Research Scholarship of the American Association of Wine Economists |
| 2016 | TU Berlin TU-DOC travel grant for young scientists |
| 2015 | E.ON Stipendienfonds research grant for collaboration with NHH Bergen, Norway |
| 2015 | DAAD PROMOS travel grant for young scientists |
| 2011-2016 | DIW Graduate Center scholarship |

Skills

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| Programming: | R, L ^A T _E X, GAMS (basics), STATA (basics), LIMDEP (basics) |
| Languages: | German (native), English (fluent), French (advanced), Italian (basic) |

Refereeing and Membership

- Referee: Acta Agriculturae Scandinavica, Section B - Plant Soil Science, American Journal of Agricultural Economics, Environmental Science and Pollution Research, 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, Empirical Methods in Energy Economics, International Society for Efficiency and Productivity Analysis