

Julian Sagebiel

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OVERVIEW

I am researcher at the “Decision-making and Managerial Behavior” group at the Department of Economics at the Swedish University of Agricultural Sciences with a focus on discrete choice modeling in non-market valuation and consumer behavior. I am married and have three children (*2013,*2016,*2018).

APPOINTMENTS

Researcher

2020-

Swedish University of Agricultural Sciences

- Decision making of farmers and consumers
- Economic Experiments (e.g. public good games) and Discrete Choice Experiments
- Teaching: Lectures on Experimental Methods and Statistical Design

Lecturer

2017-2020

Technische Universität Berlin

- Environmental Economics and Consumer Behavior
- Microeconometrics and Discrete Choice Modeling
- Teaching: Courses for Master and Bachelor Students in Environmental Economics and Statistics

Researcher

2013-2017

Institute for Ecological Economy Research Berlin

- Transdisciplinary Research in Land and Water Management
- Empirical Research to Value Non-Market Goods
- Survey Design and Analysis

Researcher

2009-2013

Humboldt-Universität zu Berlin

- Research on Sustainable Megacities
- Non-Market Valuation in the Energy Sector in Developing Countries
- Applied Work on the Energy Water Nexus in Indian Agriculture

EDUCATION

PhD Agricultural Economics

2011-2017

Humboldt-Universität zu Berlin

“Valuing improvements in electricity supply using discrete choice experiments”

Magna Cum Laude. Thesis Advisor: Markus Hanisch

Diploma in Economics

2003-2008

Otto-von-Guericke-Universität Magdeburg

Title of Thesis: “Motivstruktur des Altruismus unter Effizienzbedingung”

Grade 1.8 (good). Research Advisor: Joachim Weimann

RESEARCH PROJECTS

11. Swedish research council for sustainable development (FORMAS), ‘Extreme weather: Risks and solutions to increase the resilience of the Swedish agricultural production’ (Researcher, 2020-2022).
10. European Union Horizon 2020, ‘Contracts2.0 Innovative contracts for farmers and nature’ (Researcher, 2019-2023).
9. German Ministry for Education and Research, ‘PADO Processes and Implications of Dune Breaching at the German Baltic Sea Coast’ (Researcher, 2016-2018).
8. German Ministry for Education and Research, ‘Value of Green Urban Spaces Evaluation, Management and Communication as a key for climate resilient and near-natural green spaces’ (Researcher, 2016-2018).
7. German Ministry for Education and Research, ‘In_StröHmunG Innovative System Solutions for a Transdisciplinary and Regional Ecological Flood Risk Management and River Basin Management/Water(course) Development Close to Nature’ (Researcher, 2015-2018).
6. German Ministry for Education and Research, ‘SECOS The Services of Sediments in German Coastal Seas’ (Researcher, 2013-2016).
5. German Ministry for Education and Research, ‘CC-LandStraD Climate Change – Land Use Strategies in Germany’ (Researcher, 2010-2016).
4. German Ministry for Education and Research, ‘RA:dOst Regional Adaptation Strategies for the the German Baltic Sea Coast’ (Researcher, 2009-2014).
3. DZ Bank Foundation, ‘ENERGENO - Is Electricity from Cooperatives Worth More?’ (Researcher, 2012-2015).
2. European Commission, ‘Support for Farmers’ Cooperatives’ (Consultant, 2011-2012).
1. German Ministry for Education and Research, ‘Sustainable Hyderabad: Climate and Energy in a Complex Transition Process towards Sustainability in Hyderabad - Mitigation and Adaptation Strategies by Changing Institutions, Governance Structures, Lifestyles and Consumption Patterns’ (Researcher, 2008-2013).

TEACHING

14. Winter Term 2020: **Lecture: Experimental methods for economics and business studies**
Swedish University of Agricultural Sciences, Uppsala
13. 2017 to 2020: **Various single lectures within the course Landscape Economics II**
Technische Universität Berlin
12. Summer Term 2020: **Course: Experiments to Support Decision Making in Environmental Planning part II**
Technische Universität Berlin
11. Winter Term 2019/20: **Course: Experiments to Support Decision Making in Environmental Planning part I**
Technische Universität Berlin
10. Summer Term 2019: **Course: Ecosystem Services in Wetlands**
Technische Universität Berlin
9. Winter Term 2018/19: **Course: Rethinking Urban Space: The Demand for Green Infrastructure**
Technische Universität Berlin
8. October 2018: **Autumn School: Infrastructure Research and Policy Training (InfraTrain) – Methodical Track Discrete Choice Experiments**
German Institute for Economic Research (DIW), Berlin
7. Summer Term 2018: **Course: Applied Statistical Methods in Landscape Planning**
Technische Universität Berlin
6. Winter Term 2017/18: **Course: The Recreational Value of Urban Green**
Technische Universität Berlin
5. September 2017: **Summer School: Using Discrete Choice Experiments for the Economic Valuation of Ecosystem Services in Rural Landscapes**
Leibniz Centre for Agricultural Landscape Research
4. March 2017: **Workshop: Methods for Cooperative Sciences – Methodical Track Discrete Choice Experiments**
Humboldt-Universität zu Berlin
3. Summer Term 2015: **Seminar: Economic Valuation of Environmental Goods – Survey Based Methods and Theory**
Humboldt-Universität zu Berlin
2. February 2015: **Doctoral Seminar Quantitative Methods**
International School of Management, Dortmund
1. January 2014: **Seminar: Discrete Choice Experiments – Theory and Application**
International School of Management, Dortmund

THESES SUPERVISED

18. Marc Ringborg – 2021 Bachelor Thesis “Status quo effects of information treatments in discrete choice experiments” *Swedish University of Agricultural Sciences*
17. Giovanni Slinn – 2021 Master Thesis “A discrete choice experiment on consumer preferences for tofu characteristics in Germany, Italy, and Sweden” *Swedish University of Agricultural Sciences*
16. Erik Furth – 2021 Master Thesis “Floodplain management through economic valuation: Using farmers’ preferences to improve pollution-reduction schemes in Germany” *Technische Universität Berlin*
15. Polina Korneeva – 2021 Master Thesis “Valuation of carbon sequestration and storage under different land-use management scenarios: A case study in the regiopolis region of Rostock” *Technische Universität Berlin*
14. Ronja Schönau – 2021 Master Thesis “Assessing preferences for bicycle infrastructure – A discrete choice experiment in Seoul, South Korea” *Technische Universität Berlin*
13. Dan Xing – 2020 Master Thesis “Discrete choice experiments to measure the economic value of urban green ” *Technische Universität Berlin*
12. Ameneh Larijani – 2020 Master Thesis “More than a cycle track? New bicycle facility as a measure to improve living quality in Berlin” *Technische Universität Berlin*
11. Luisa Rau – 2020 Master Thesis “Is money enough to increase social acceptance of hydropower projects in Southern Chile?” *Technische Universität Berlin*
10. Marisa Ramos Rocha – 2020 Master Thesis “Understanding the use of knowledge in decision-making processes to implement nature-based solutions” *Technische Universität Berlin*
9. Jessica Weir and Daniel Soto – 2020 Master Thesis “Willingness to pay for sustainable tourism” *Technische Universität Berlin*
8. Bradyn Winiarski – 2020 Master Thesis “How Valid is Valid Enough? A Review on Validity of Contingent Valuation for Damage Assessments” *Technische Universität Berlin*
7. Yuhan Miao – 2019 Master Thesis “Stated Preferences on the Value of Urban Green Spaces in Germany: How Does the Survey’s Consequentiality Influence the Willingness-To-Pay?” *Technische Universität Berlin*
6. Luisa Rau – 2018 Bachelor Thesis “The Willingness to Work in Urban Community Gardens as Basis for Political Decision Making: A Contingent Valuation” *Technische Universität Berlin*
5. Katarzyna Malinowska – 2018 Master Thesis “The Future of Energy Cooperatives in Germany: Exploring strategic alliances with commercial energy companies” *Humboldt-Universität zu Berlin*
4. Sarah Vitone and Joe Marshall – 2018 Master Thesis “The Value of Urban Gardens” *Technische Universität Berlin*
3. Snigdha Sunil Kunder – 2018 Master Thesis “Assessing the economic value of the conservation of common toads using a willingness to pay survey” *Technische Universität Berlin*

2. Maria Lindow – 2016 Master Thesis “The Role of Cultural Ecosystem Services for the Acceptance of the Local Population with Respect to the Water Framework Directive” *Ernst Moritz Arndt Universität Greifswald*
1. Amely Gundlach – 2016 Master Thesis “Overcoming the Tenant Landlord Dilemma: An Investigation of the Impact of Cooperative Ownership on the Capitalization of Energy Efficiency” *Humboldt-Universität zu Berlin*

MEMBERSHIPS

- Board Member at the **Institute for Cooperatives at Humboldt-Universität zu Berlin** (since 2020)
- Member of the **Scientific Network of Researchers using Discrete Choice Modelling in the field of environmental valuation ENVECHO** (since 2017)
- Member of the **Research Network on Economic Experiments for the Common Agricultural Policy REECAP** (Since 2016)
- Member of the **European Association of Environmental and Resource Economists EAERE** (since 2016)
- Member of the **European Association of Agricultural Economists EAAE** (since 2014)
- Founding Member and Spokesman of the **Research Network Energy Cooperatives** (2014-2016)

FURTHER ACTIVITIES

- **EAERE Conference 2022 Pre-Conference Workshop ‘Validity of Stated Preference Environmental Valuation using Choice Modelling’** 2022
Organizer
Together with Vic Adamowicz, Klaus Glenk, Robert Johnston and Jürgen Meyerhoff
- **EAERE Conference 2020 Thematic Session on ‘Consequentiality in Stated Preference – New Insights’** 2020
Organizer
Together with Malte Welling and Ewa Zawojcka
- **Special Issue “Spatial Dimensions of Stated Preferences”** 2020
Guest Editor Environmental and Resource Economics Vol. 75/2
Together with Klaus Glenk, Robert Johnston and Jürgen Meyerhoff
- **Berlin Discrete Choice Colloquium** Since 2016
Founding Member and Organizer
Together with Jürgen Meyerhoff
- **Summer School ‘Using Discrete Choice Experiments for the Economic Valuation of Ecosystem Services in Rural Landscapes’** 2014-2016
Organizer and Lecturer
Together with Kati Haefner, Jürgen Meyerhoff and Jens Rommel

- **EAERE Conference 2017 Pre-Conference Workshop ‘Spatial Dimensions of Stated Preferences’** 2016-2017
Organizer
Together with Klaus Glenk, Robert Johnston and Jürgen Meyerhoff
- **EAERE Conference 2016 Thematic Session on ‘Willingness to Pay in Space: New Insights into the Spatial Dimensions of Stated Preferences’** 2016
Organizer
Together with Robert Johnston and Jürgen Meyerhoff
- **Occasional scientific consultancies** Since 2012
Survey Engine GmbH (> 100h), International School of Management gGmbH (> 50h), European Commission (> 40h), Centre for Rural Development at Humboldt-Universität zu Berlin (> 30h)

AWARDS

- 2017 Raiffeisen - Schulze-Delitzsch-Förderpreis 2016 for the best dissertation in cooperative sciences in 2016
- 2017 German Academic Exchange Service (DAAD) Travel Grant for the *Environmental and Resource Economics* Conference in Athens
- 2016 German Academic Exchange Service (DAAD) Travel Grant for the *Environmental and Resource Economics* Conference in Zurich
- 2007 German Academic Exchange Service (DAAD) Grant for a Study Exchange Semester at *Macquarie University Sydney*, Australia

SOFTWARE

Stata (Expert), R (Expert), L^AT_EX (Expert), LIMDEP (Advanced), NGENE (Expert), Latent Gold (Advanced), Biogeme (Advanced), Python (Intermediate), Bash (Intermediate), Z-Tree (Intermediate)

REVIEWER ACTIVITIES [Publons]

Ecological Economics (8), Energy Research & Social Science (5), Energy Economics (4), Environmental Science and Pollution Research (4), Journal of Environmental Economics and Management (2), Energy Policy (1), Environmental and Resource Economics (1), European Review of Agricultural Economics (1), Journal of Behavioral and Experimental Economics (1), Journal of Environmental Economics and Policy (1), Land Use Policy (1), Scientific Reports (1), Utilities Policy (1), Water Resources and Economics (1)

PAPERS UNDER REVIEW

6. Ewa Zawojcka, Malte Welling, and Julian **Sagebiel**. Effects of the location of perceived consequentiality elicitation in a discrete choice experiment survey. *Under Review in Land Economics* (2nd round)
5. Sergio Villamayor-Tomas, Julian **Sagebiel**, Jens Rommel, and Roland Olschewski. Levels of collective action and expectations on farmers' willingness to accept agri-environmental schemes in Switzerland. *Under Review in Ecosystem Services* (2nd round)
4. Kai Rommel and Julian **Sagebiel**. Are consumer preferences for attributes of alternative vehicles sufficiently accounted for in current policies? *Under Review in Transportation Research Interdisciplinary Perspectives* (2nd round)
3. Malte Welling, Ewa Zawojcka, and Julian **Sagebiel**. Information, consequentiality and credibility in stated preference surveys: A choice experiment on climate adaptation. *Under Review in Environmental and Resource Economics* (1st round)
2. Marek Giergiczny, Sviataslau Valasiuk, Wiktor Kotowski, Halina Galera, Jette Bredahl Jacobsen, Julian **Sagebiel**, Wendelin Wichtmann, and Ewa Jabłońska. Re-meander, rewet, rewild! An overwhelming support for restoring small rivers in three baltic sea basin countries. *Under Review in AMBIO* (1st round)
1. Helen Rogers, Julian **Sagebiel**, Zoe Marshman, Helen Rodd, and Donna Rowen. Valuation of CRIES-QC-U: a child-centred preference-based measure of dental caries. *Under Review in Medical Decision Making* (1st round)

PEER-REVIEWED JOURNAL PAPERS [citations]

21. Julian **Sagebiel**, Klaus Glenk, and Jürgen Meyerhoff. Does the place of residence affect land use preferences? Evidence from a choice experiment in Germany. *Bio-based and Applied Economics*, 9(3):283–304, 2020
20. Julian **Sagebiel**, Lukas Karok, Julian Grund, and Jens Rommel. Clean environments as a social norm: A field experiment on cigarette littering. *Environmental Research Communications*, 2020
19. Erik Fruth, Michele Kvistad, Joe Marshall, Lena Pfeifer, Luisa Rau, Julian **Sagebiel**, Daniel Soto, John Tarpey, Jessica Weir, and Bradyn Winiarski. Discrete choice experiment data for street-level urban greening in Berlin. *Data in Brief*, 28:105027, 2020
18. Erik Fruth, Michele Kvistad, Joe Marshall, Lena Pfeifer, Luisa Rau, Julian **Sagebiel**, Daniel Soto, John Tarpey, Jessica Weir, and Bradyn Winiarski. Economic valuation of street-level urban greening: A case study from an evolving mixed-use area in Berlin. *Land Use Policy*, 89:104237, 2019
17. Sergio Villamayor-Tomas, Julian **Sagebiel**, and Roland Olschewski. Bringing the neighbors in: A choice experiment on the influence of coordination and social norms on farmers' willingness to accept agro-environmental schemes across Europe. *Land Use Policy*, 84:200–215, 2019
16. Klaus Glenk, Robert J. Johnston, Jürgen Meyerhoff, and Julian **Sagebiel**. Spatial dimensions of stated preference valuation in environmental and resource economics: Methods, trends and challenges. *Environmental and Resource Economics*, 2019

15. Jan Knoefel, Julian **Sagebiel**, Özgür Yildiz, Jakob R. Müller, and Jens Rommel. A consumer perspective on corporate governance in the energy transition: Evidence from a discrete choice experiment in Germany. *Energy Economics*, 75:440–448, 2018
14. Amely Gundlach, Marius Ehrhinspiel, Svenja Kirsch, Alexander Koschker, and Julian **Sagebiel**. Investigating people’s preferences for car-free city centers: A discrete choice experiment. *Transportation Research Part D: Transport and Environment*, 63:677–688, 2018
13. Malte Müller, Markus Hanisch, Agustina Malvido, Jens Rommel, and Julian **Sagebiel**. The structural effect of cooperatives on price volatility in the European dairy sector. *Applied Economics Letters*, 25(8):576–579, 2018
12. Marin Rayanov, Alexandra Dehnhardt, Manon Glockmann, Volkmar Hartje, Jesko Hirschfeld, Maria Lindow, Julian **Sagebiel**, Julia Thiele, and Malte Welling. The economic value of river landscapes for recreational use: A willingness-to-pay study in four regions in germany. *Hydrologie und Wasserbewirtschaftung*, 62(6):410–422, 2018
11. Ranjan Ghosh, Yugank Goyal, Jens Rommel, and Julian **Sagebiel**. Are small firms willing to pay for improved power supply? Evidence from a contingent valuation study in India. *Energy Policy*, 109:659–665, 2017
10. Kai Rommel and Julian **Sagebiel**. Preferences for micro-cogeneration in Germany: Policy implications for grid expansion from a discrete choice experiment. *Applied Energy*, 206:612–622, 2017
9. Julian **Sagebiel**. Preference heterogeneity in energy discrete choice experiments: A review on methods for model selection. *Renewable and Sustainable Energy Reviews*, 69:804–811, 2017
8. Julian **Sagebiel**, Klaus Glenk, and Jürgen Meyerhoff. Spatially explicit demand for afforestation. *Forest Policy and Economics*, 78:190–199, 2017
7. Christian Kimmich and Julian **Sagebiel**. Empowering irrigation: A game-theoretic approach to electricity utilization in Indian agriculture. *Utilities Policy*, 43:174–185, 2016
6. Julian **Sagebiel**, Carmen Schwartz, Mounaim Rhozyel, Sandra Rajmis, and Jesko Hirschfeld. Economic valuation of Baltic marine ecosystem services: blind spots and limited consistency. *ICES Journal of Marine Science*, 73(4):991–1003, 2016
5. Jens Rommel, Julian **Sagebiel**, and Jakob R. Müller. Quality uncertainty and the market for renewable energy: Evidence from German consumers. *Renewable Energy*, 94:106–113, August 2016
4. Nicholas Magliocca, Jasper Van Vliet, Calum Brown, Tom Evans, Thomas Houet, Peter Messerli, Joseph Messina, Kimberly Nicholas, Christine Ornetsmüller, Julian **Sagebiel**, et al. From meta-studies to modeling: Using synthesis knowledge to build broadly applicable process-based land change models. *Environmental Modelling & Software*, 72:10–20, 2015
3. Julian **Sagebiel**, Jakob R. Müller, and Jens Rommel. Are consumers willing to pay more for electricity from cooperatives? Results from an online Choice Experiment in Germany. *Energy Research & Social Science*, 2:90–101, June 2014
2. Julian **Sagebiel** and Kai Rommel. Preferences for electricity supply attributes in emerging megacities — Policy implications from a discrete choice experiment of private households in Hyderabad, India. *Energy for Sustainable Development*, 21:89–99, August 2014

1. Markus Hanisch, Christian Kimmich, Jens Rommel, and Julian **Sagebiel**. Coping with power scarcity in an emerging megacity: A consumers' perspective from Hyderabad. *International Journal of Global Energy Issues*, 33(3/4):189–204, 2010

BOOK CHAPTERS

6. Peter Elsasser, Ulrike Grabski-Kieron, Meike Hellmich, Jesko Hirschfeld, Mathias Raabe, Sandra Rajmis, Julian **Sagebiel**, Rosemarie Siebert, Annett Steinführer, Reimund Steinhäuser, and Priska Weller. Gesellschaftliche Bewertung der Landnutzungsstrategien. In Horst Gömann and Johanna Fick, editors, *Wechselwirkungen zwischen Landnutzung und Klimawandel*, pages 299–420. Springer, Wiesbaden, 2021
5. Özgür Yildiz and Julian **Sagebiel**. Consumer (co-)ownership and behaviour: Economic experiments as a tool for analysis. In Jens Lowitzsch, editor, *Energy Transition: Financing Consumer Co-Ownership in Renewables*, pages 99–112. Palgrave Macmillan, London, UK, 2019
4. Julian **Sagebiel** and Christian Kimmich. Building local capacities to improve the quality of electricity for agriculture and to enhance energy efficiency. In Bernd Mahrin, editor, *Capacity Development Approaches for Future Megacities*, pages 38–46. Jovis, Berlin, 2014
3. Christian Kimmich and Julian **Sagebiel**. Peri-Urban Linkages: Improving Energy Efficiency in Irrigation to Enable Sustainable Urban Transition. In Ludger Eltrop, Ulrich Fahl, and Thomas Telsnig, editors, *Energy and Sun: Sustainable Energy Solutions for Future Megacities*, pages 37–46. Jovis, Berlin, 2013
2. Julian **Sagebiel**, Franziska Kohler, Jens Rommel, and Vineet Kumar Goyal. Governance of Solar Photovoltaic Off-Grid Technologies in Rural Andhra Pradesh: Some implications from the field. In Ludger Eltrop, Ulrich Fahl, and Thomas Telsnig, editors, *Energy and Sun: Sustainable Energy Solutions for Future Megacities*, pages 27–36. Jovis, Berlin, 2013
1. Kai Rommel and Julian **Sagebiel**. Nachhaltige Entwicklung von Megacities am Beispiel Südinien – Was können Einspeisetarife dazu beitragen? In Hans-Gerd Servatius, Uwe Schneidewind, and Dirk Rohlfing, editors, *Smart Energy Wandel zu einem nachhaltigen Energiesystem*, pages 431–451. Springer Berlin Heidelberg, 2012

BOOKS

4. Petr Mariel, David Hoyos, Jürgen Meyerhoff, Mikolaj Czajkowski, Thijs Dekker, Klaus Glenk, Jette Bredahl Jacobsen, Ulf Liebe, Søren Bøye Olsen, Julian **Sagebiel**, and Mara Thiene. *Environmental Valuation with Discrete Choice Experiments Guidance on Design, Implementation and Data Analysis*. Springer Briefs in Economics. Springer, Dordrecht, Netherlands, 1 edition, 2021
3. Julian **Sagebiel**. *Valuing improvements in electricity supply using discrete choice experiments*. Dissertation. Humboldt-Universität zu Berlin, Lebenswissenschaftliche Fakultät, 2017
2. Julian **Sagebiel**, Christian Kimmich, Malte Müller, Markus Hanisch, and Vivek Gilani. *Enhancing Energy Efficiency in Irrigation: A Socio-Technical Approach in South India*. Springer Briefs in Environmental Sciences. Springer, Dordrecht, Netherlands, 1 edition, 2016

1. Christian Kimmich, Hannah Janetschek, Lutz Meyer-Ohlendorf, Jennifer Meyer-Ueding, Julian **Sagebiel**, Fritz Reusswig, Kai Rommel, and Markus Hanisch. *Methods for stakeholder analysis*. Emerging Megacities. Europäischer Hochschulverlag, 2012