

Curriculum Vitae

Erlend Dancke Sandorf, PhD

Date of birth	11-08-1987
Nationality	Norwegian
Languages	Norwegian (native), English (fluent), German (basic)
E-mail	erlend.dancke.sandorf :at: nmbu.no
Website	https://edsandorf.me
ORCID	orcid.org/0000-0001-7521-4773

Research interests and expertise

My research focuses on non-market valuation of ecosystem services. In particular, the use of advanced discrete choice models to accommodate non-utility maximizing behavior, and the use of simplifying strategies and heuristics. I have developed and utilized models that consider simplifying strategies such as attribute non-attendance, elimination-by-aspects and satisficing.

Software expertise: Ox, R, Matlab, NGENE, LaTeX, Microsoft Office

Work experience

Current position

Nov 2020 – present Post-doctoral researcher
Norwegian University of Life Sciences, School of Economics and Business

Previous positions

Nov 2018 – Oct 2020 Marie Skłodowska-Curie Research Fellow
University of Stirling, Stirling Management School, Economics Division, Stirling, United Kingdom

Nov 2016 – Oct 2018 Post-doctoral researcher
Swedish University of Agricultural Sciences, Department of Forest Economics, Centre for Environmental and Resource Economics, Umeå, Sweden

Nov 2012 – Oct 2016 PhD Candidate
UiT - The Arctic University of Norway, Faculty of Biosciences, Fisheries and Economics, The Norwegian College of Fishery Science, Tromsø, Norway

Education

- Nov 2012 – Aug 2016 Ph.D. Environmental and Resource Economics
UiT - The Arctic University of Norway, Faculty of Biosciences, Fisheries and Economics, The Norwegian College of Fishery Science
Thesis: “Valuing unfamiliar and complex ecosystem services - The influence of survey mode, knowledge and dishonesty”
- Aug 2010 – Jun 2012 M.Sc. Business Administration
The Norwegian University of Life Sciences, School of Economics and Business
Thesis: “Recycling as a private contribution to a public good: The effect of consistent and inconsistent information on the recycling decision”
- Aug 2007 – Jun 2010 B.Sc. Business Administration
The Norwegian University of Life Sciences, School of Economics and Business

Publications

Peer reviewed scientific journals

- 12 Campbell, D. & **Sandorf, E. D.**, 2020, The use of latent variable models in policy: A road fraught with peril?, *Bio-based and Applied Economics*, accepted
- 11 Chorus, C., van Cranenburgh, S., Daniel, A., **Sandorf, E. D.**, Sobhani, A. & Szep, T., 2020, Obfuscation maximization-based decision making: Theory, methodology and first empirical evidence, *Mathematical Social Sciences*, accepted
- 10 Xuan, B. B. & **Sandorf, E. D.**, 2020, Potential for sustainable aquaculture: Insights from discrete choice experiments, *Environmental and Resource Economics*, 77:401-421
- 9 **Sandorf, E. D.**, Persson, L. & Broberg, T., 2020, Using an integrated choice and latent variable model to understand the impact of “professional” respondents in a stated preference survey, *Resource and Energy Economics*, 61
- 8 Armstrong, C. W, Aanesen, M., van Rensburg, T. M. & **Sandorf, E. D.**, 2019, Willingness to pay to protect cold water corals, *Conservation Biology*, 33(6):1329-1337
- 7 **Sandorf, E. D.**, 2018, Did you miss something? Inattentive respondents in discrete choice experiments, *Environmental and Resource Economics*, 73(4):1197-1235
- 6 **Sandorf, E. D.** & Campbell, D., 2018, Accommodating satisficing behavior in stated choice experiments, *European Review of Agricultural Economics*, 46(1):133-162
- 5 Daniel, A., Persson, L. & **Sandorf, E. D.**, 2018, Accounting for elimination-by-aspects strategies and demand management in electricity contract choice, *Energy Economics*, 73:80-90

Publications (continued)

- 4 **Sandorf, E. D.** Crastes dit Sourd, R. & Mahieu, 2018, Left to right – line by line: The effect of attribute-alternative matrix displays on preferences and processing strategies, *Journal of Choice Modelling*, 29:113-132
- 3 Xuan, B. B., **Sandorf, E. D.** & Aanesen, M., 2017, Informing management strategies for a reserve: Results from a discrete choice experiment survey, *Ocean and Coastal Management*, 145:35-43
- 2 **Sandorf, E. D.**, Campbell, D. & Hanley, N., 2016, Disentangling the influence of knowledge on attribute non-attendance, *Journal of Choice Modelling*, 24:36-50
- 1 **Sandorf, E. D.**, Aanesen, M. & Navrud, S., 2016, Valuing unfamiliar and complex environmental goods: A comparison of valuation workshops and internet panel surveys with videos, *Ecological Economics*, 129:50-61

Software

- 2 **Sandorf, E. E.**, 2019, cmdlR: Choice Modeling in R, R package, URL: <https://github.com/edsandorf/cmdlR>
- 1 **Sandorf, E. D.**, Chorus, C. & van Cranenburgh, S., 2019, obfuscatoR: Obfuscation Game Designs, R package, URL: <https://CRAN.R-project.org/package=obfuscatoR>

Awards and Honors

- 2020 The European Association of Agricultural Economists' "Best Paper Award for 2019" for publications in the European Review of Agricultural Economics for the paper: Accommodating satisficing behavior in stated choice experiments. Co-authored by Danny Campbell.
- 2017 Best paper award for the paper "The effect of attribute-alternative matrix displays on preferences and processing strategies"
Workshop on Non-Market Valuation (WONV), 26th - 27th of June, University of Leeds, Leeds, United Kingdom

Grants and Funding

- 2018 **The Influence of Information Search on Preference Formation and Choice (INSPIRE)**
Funder: Horizon 2020 - Marie Skłodowska-Curie Individual Fellowship No. 793163
Period: 2018 - 2020
Amount: EUR 183,454.80
My role: Principal investigator

Grants and Funding (continued)

- 2018 **Producer and consumer preferences for sustainable shrimp aquaculture policy in Vietnam**
Funder: NAFOSTED project nr. 502.99-2018.25
Period: 2018 - 2020
Amount: USD 28,000.00 (EUR 24,500.00)
My role: Co-investigator
- 2015 **Travel grant to participate in the Emerging Leaders program during the Arctic Frontiers 2015 conference**
Funder: Research Council of Norway
Period: Jan 2015
Amount: NOK 30,000.00 (EUR 3,000.00)
My role: Personal travel grant

Conferences, workshops and seminars

Invited presentations

- 2019 Invited seminar
When: 31st of May
Where: University of Aberdeen, Health Economics Research Group
Title: “The search for something better - a consideration set model”
- 2018 Invited seminar
When: 14th of June
Where: Technical University of Delft, Transport and Logistics Group, Delft, The Netherlands
Title: “Satisficing in discrete choice experiments – some possibilities”
- 2018 16th Berlin DCE Colloquium
When: 12th of June
Where: Technical University of Berlin, Berlin, Germany
Title: “Incorporating non-RUM decision rules into the analysis of discrete choice experiments”
- 2018 Invited seminar
When: 15th of March
Where: University of Nantes, LEMNA, Nantes, France
Title: “The effect of attribute-alternative-matrix displays on preferences and processing strategies”
- 2018 Invited seminar
When: 8th of February
Where: University of Leeds, Institute for Transport Studies, Leeds, United Kingdom
Title: “Assessing the impact of ‘professional’ respondents using an integrated choice and latent variable model”

Conferences, workshops and seminars (continued)

2017 Invited seminar
When: 27th of March
Where: University of Gothenburg, Gothenburg, Sweden
Title: “Trapped! Catching inattentive respondents in an online discrete choice experiment”

Conference and workshop presentations

2020 Annual Conference of the European Association of Environmental and Resource Economists (EAERE)
When: 23rd of June - 3rd of July
Where: Organized online
Title: “An information search approach to discrete choice analysis”

2019 ENVECHO VIII Workshop
When: 30th of September - 1st of October
Where: University of Verona, Verona, Italy
Title: “Identifying consideration sets through search an implementation using Shiny”

2019 6th International Choice Modelling Conference (ICMC)
When: 19th - 21st of August
Where: Kobe, Japan
Title: “An information search approach to discrete choice analysis”

2019 LEEP Conference 2019 (LEEPin2019)
When: 24th - 25th of June
Where: University of Exeter Business School, Exeter, United Kingdom
Title (Poster): “The effect of device experience and time of day on stated preferences”

2018 6th World Congress for Environmental and Resource Economists (WCERE)
When: 25th - 29th of June
Where: University of Gothenburg, Gothenburg, Sweden
Title: “Assessing the impact of ‘professional’ respondents using an integrated choice and latent variable model”

2018 25th Ulvön Conference on Environmental Economics
When: 19th - 21st of June
Where: Ulvön, Sweden
Title: “Assessing the impact of ‘professional’ respondents using an integrated choice and latent variable model”

2017 ENVECHO VI Workshop
When: 25th - 26th of September
Where: University of Bern, Bern, Switzerland
Title: “The effect of attribute-alternative matrix displays on preferences and processing strategies”

Conferences, workshops and seminars (continued)

- 2017 Workshop on Non-Market Valuation (WONV)
When: 26th - 27th of June
Where: University of Leeds, Institute for Transport Studies, Leeds, United Kingdom
Title: "The effect of attribute-alternative matrix displays on preferences and processing strategies"
- 2017 24th Ulvön Conference on Environmental Economics
When: 20th - 22nd of June
Where: Ulvön, Sweden
Title: "The effect of attribute-alternative matrix displays on preferences and processing strategies"
- 2017 International Choice Modeling Conference (ICMC)
When: 3rd - 5th of April
Where: University of Cape Town, Cape Town, South Africa
Title: "Thats good enough! Satisficing in Stated Choice Experiments"
- 2016 Workshop on Non-Market Valuation (WONV)
When: 20th - 21st of June
Where: Bordeaux, France
Title: "Dishonest Respondents in Discrete Choice Experiments - An Example using a Probability Based Internet Panel"
- 2016 Experiments for Environmental Policy Formation Workshop
When: 14th of April
Where: University of Stirling, Stirling, United Kingdom
Title: "Dishonest Respondents in Discrete Choice Experiments - An Example using a Probability Based Internet Panel"
- 2016 Annual Meeting of the Norwegian Association of Economists
When: 4th - 5th of January
Where: Norwegian University of Science and Technology, Trondheim, Norway
Title: "Dishonest Respondents in Discrete Choice Experiments - An Example using a Probability Based Internet Panel"
- 2015 Annual Conference of the European Association of Environmental and Resource Economists (EAERE)
When: 24th - 26th of June
Where: University of Helsinki, Helsinki, Finland
Title: "Disentangling the Influence of Knowledge on Processing Strategies in Discrete Choice Experiments"
- 2015 International Choice Modeling Conference (ICMC)
When: 10th - 13th of May
Where: University of Texas, Austin, TX, USA
Title: "Disentangling the Influence of Knowledge on Processing Strategies in Discrete Choice Experiments"

Conferences, workshops and seminars (continued)

- 2015 Annual Meeting of the Norwegian Association of Economists
When: 5th - 6th of January
Where: University of Bergen, Bergen, Norway
Title: "Survey Mode Effects: Comparing Valuation Workshops and an Online Panel"
- 2014 Scottish Choice Modelling Conference
When: 16th
Where: University of Stirling, Stirling, United Kingdom
Title: "Survey Mode Effects: Valuation Workshops versus Online Panels"
- 2014 Annual BIOECON Conference
When: 21st - 23rd of September
Where: Kings College, University of Cambridge, Cambridge, United Kingdom
Title: "Reliable Estimates? Evidence from a Discrete Choice Experiment on Cold Water Corals in Norway"
- 2014 International Conference of the International Institute of Fisheries Economics and Trade (IIFET)
When: 7th - 11th of July
Where: Queensland University of Technology, Brisbane, Australia
Title: "Exploring Discontinuous Preferences in Discrete Choice Experiments: The Case of Cold-Water Corals in Norway"

Teaching

Teaching experience

- 2019 ECNU111 - Introductory Microeconomics
Institution: University of Stirling
Level: Bachelor
Role: Seminar lecturer
- 2018 Discrete Choice Experiments and Analysis in R
Institution: EIfER Europäisches Institut für Energieforschung EDF-KIT
Level: PhD course
Role: Lecturer
- 2017 - 2018 SPF-0016 – Stated Preference Methods: State-of-the-Art Modeling
Institution: Swedish University of Agricultural Sciences
Level: PhD course
Role: Lecturer
- 2017 SKO-151 – Forest Economics
Institution: Swedish University of Agricultural Sciences
Level: Bachelor
Role: Lecturer

Teaching (continued)

- 2013 - 2015 SOK-3002 – Advanced Natural Resource Economics
Institution: UiT - The Arctic University of Norway
Level: Master
Role: Teaching assistant
- 2013 - 2015 SOK-2037 – Resource Economics
Institution: UiT - The Arctic University of Norway
Level: Bachelor
Role: Teaching assistant
- 2013 - 2015 SOK-2005 – Economics II
Institution: UiT - The Arctic University of Norway
Level: Bachelor
Role: Teaching assistant
- 2013 - 2015 SOK-1101 – Economics I
Institution: UiT - The Arctic University of Norway
Level: Bachelor
Role: Teaching assistant
- 2011 ECN-210 – Microeconomics I
Institution: The Norwegian University of Life Sciences
Level: Bachelor
Role: Teaching assistant
- 2011 ECN-211 – Microeconomics II
Institution: The Norwegian University of Life Sciences
Level: Bachelor
Role: Teaching assistant

Teaching qualifications

- 2020 LTHP300 - Evaluating practice
Institution: University of Stirling
Scope: 200 hours
- 2019 LTHP200 - Assessing Learning
Institution: University of Stirling
Scope: 200 hours
- 2019 LTHP100 - Designing and Facilitating Learning
Institution: University of Stirling
Scope: 200 hours
- 2018 Teaching in Higher Education - Basic course
Institution: Swedish University of Agricultural Sciences
Scope: 100 hours (3 weeks)

Teaching (continued)

2013 Teaching and learning in higher education
 Institution: UiT - The Arctic University of Norway
 Scope: 24 hours (3 days)

Academic visits (1 week or longer)

2018 Visiting researcher (4 weeks)
 Where: Technical University of Delft, Transport and Logistics Group, Delft, The Netherlands
 Host: Professor Caspar Chorus

2018 Visiting researcher (3 weeks)
 Where: University of Leeds, Institute for Transport Studies, Leeds, United Kingdom
 Host: Professor Stephane Hess

2014 Visiting PhD Candidate (3 months)
 Where: University of St. Andrews, School of Geography & Sustainable Development, St. Andrews, United Kingdom
 Host: Professor Nick Hanley

Institutional responsibilities and professional roles

2019 - Organizing committee for the 7th International Choice Modelling Conference (ICMC)

2013 - 2016 Norwegian delegate to the European Council of Doctoral Candidates and Junior Researchers (EURODOC)

2013 - 2016 Board member of the Association of Doctoral Organizations in Norway (Stipendiatororganisasjonene i Norge, SiN)

2013 - 2014 Board chair of Tromsø Doctoral Students (TODOS)

Membership of Scientific Societies and Organizations

2019 - present Associate Fellow of the Higher Education Academy

2020 - present American Economic Association (AEA)

2015 - present European Association of Environmental and Resource Economists (EAERE)

Reviewing activities

Agribusiness; Bio-based and Applied Economics, Canadian Journal of Agricultural Economics; Environmental and Resource Economics; European Review of Agricultural Economics; Journal of Choice Modelling; Journal of Environmental Economics and Management; Journal of Forest Economics; Land Economics, Resource and Energy Economics