

RESEARCH INTERESTS

- Political communication and public discourse in online environments
- Public opinion, misinformation and conspiracy beliefs
- Online opinion dynamics, political polarization, online hate speech
- Psychology of sustainable behavior

EDUCATION

- PhD Political Science** 2020-2023
Hertie School Berlin
Research focus: Online Environments, Deliberation and Democracy. Supervised by Simon Munzert, Ralph Hertwig and Andrew Guess.
- MSc. Social Data Science** 2019-2020
University of Oxford
Interdisciplinary and international graduate program, hosted by the Oxford Internet Institute, at the intersection of social and computational science, with a practical focus on data analysis and programming with Python, Internet research and political science
- MSc. Psychology** 2016-2019
University of Kassel
First major in Social and Environmental Psychology, second major in Clinical Psychology.
Master thesis: Social Drivers of Individual Air Travel
- BSc. Psychology** 2013-2016
University of Kassel
Bachelor thesis in environmental psychology: Outdoor sport and Environmental behavior.
Presentation of thesis-related poster at the AASP Conference in Toronto, 2018

PUBLICATIONS

Lorenz-Spreen, P., Oswald, L., Lewandowsky, S., Hertwig, R. (2022). A systematic review of worldwide causal and correlational evidence on digital media and democracy. *Nature Human Behaviour*. <https://doi.org/10.1038/s41562-022-01460-1>

Oswald, L., Bright, J. (2022). How Do Climate Change Skeptics Engage with Opposing Views Online? Evidence from a Major Climate Change Skeptic Forum on Reddit. *Environmental Communication*, DOI: 10.1080/17524032.2022.2071314

Klaus, G., Oswald, L., Ernst, A., & Merk, C. (2021). Effects of opinion statements on laypeople's acceptance of a climate engineering technology. Comparing the source credibility of researchers, politicians and a citizens' jury. *Journal of Science Communication*,

20(1), A03.

Oswald, L., & Ernst, A. (2020). Flying in the Face of Climate Change: Quantitative psychological approach examining the social drivers of individual air travel. *Journal of Sustainable Tourism*, 29(1), 68-86.

Klaus, G., Ernst, A., & Oswald, L. (2020). Psychological factors influencing laypersons' acceptance of climate engineering, climate change mitigation and business as usual scenarios. *Technology in Society*, 60, 101222.

WORKING PAPERS

Oswald, L., Munzert, S., Barberá, P., Guess, A., and Yang, J. (2022). Beyond the tip of the iceberg? Exploring Characteristics of the Online Public with Digital Trace Data. SocArXiv. <https://osf.io/preprints/socarxiv/yfmzh/>

Oswald, L. (2022). More than News! Mapping the Deliberative Potential of Political Online Ecosystems with Digital Trace Data. SocArXiv. <https://osf.io/preprints/socarxiv/68udg/>

Oswald, L. (2022). Automating the Analysis of Online Deliberation? A comparison of manual and computational measures applied to climate change discussions. SocArXiv. <https://doi.org/10.31235/osf.io/qmzwx>

WORK EXPERIENCE

Teaching Assistant

Fall 2021, Fall 2022

Introduction to Data Science, Hertie School

Teaching two groups of MSc students (Data Science for Public Policy), I revisit the topics presented in the lecture on data collection, data storage and programming and demonstrate practical applications in R.

Teaching Assistant

Spring 2021, Spring 2022

Statistical Modeling & Causal Inference, Hertie School

Teaching two groups of MSc students (Public Policy), I revisited the topics presented in the lecture on statistical modeling and causal inference and demonstrate practical applications of the methods in R.

Research Consultant

2020-2021

Data Science Lab, Hertie School

I provided help with questions of research design, quantitative measurement, statistical inference and computational tools.

Research Assistant

2017-2019

Center for Environmental Systems Research (CESR)

Within the DFG funded TOMACE project (Trade Offs between Mitigation and Climate Engineering) we analyzed the public attitude towards solar radiation management. I focused on psychological test construction, data analysis and visualization using R. The project was

embedded in the SESAM group (Socio-environmental Systems Analysis and Modeling).

Teaching Assistant 2014-2016

University of Kassel, Department of Psychology, Quantitative Methods

Teaching various groups of undergraduate students, I deepened the topics presented in the Quantitative Methods I and II lectures and demonstrated the practical implementation of methods in R across three subsequent semesters.

Research Assistant 2014-2015

University of Kassel, Department of Psychology, Psychology of Memory

Within a project on false memories, I conducted experiments in the laboratory.

CONFERENCE PRESENTATIONS

DigDem, Zurich 2022

Digital Democracy Workshop

Topic: Exploring the online public (sphere) with digital trace data.

EPSA, Prague 2022

European Political Science Association

Topic: Who Engages Where on the Online Public Square? Evidence from Digital Trace Data.

ICP+ 2021

International Congress of Applied Psychology

Topic: How do climate change skeptics engage with opposing views? Mechanisms of social identity and cognitive dissonance in an online forum.

MPA 2021

Annual Meeting of the Midwestern Psychological Association

Topic: How do climate change skeptics engage with opposing views? Invited talk within the 'internet explorer' symposium.

VOLUNTARY ENGAGEMENT

Elected PhD Representative 2022

Hertie School, Berlin

I communicate PhD students' interests to academic faculty and leadership, serve in the academic senate and the on the IT committee.

Seminar Organization 2019-2020

Network Analysis for Sustainable Development

In collaboration with the German Academic National Foundation (Studienstiftung des Deutschen Volkes), we hold a 4-day Seminar with 85 participants, international speakers, multiple workshops, talks and hands-on projects on the potentials of network analysis in the context of sustainable development (e.g. mobility networks, ecological networks, climate networks and the Sustainable Development Goals of the UN) in Berlin.

Elected Student Representative 2018-2019

Graduate Center for Environmental Studies and Teaching (GradZ), University of Kassel

I represented students' interests in the interdisciplinary center for environmental research at the University of Kassel.

Seminar Organization 2018-2019

Artificial Intelligence and Society

Funded by the German Academic National Foundation (Studienstiftung des Deutschen Volkes), we organized an interdisciplinary discussion seminar on artificial intelligence with a focus on societal, technical, scientific and ethical perspectives, in collaboration with the Ludwig-Maximilian-University, Munich.

Seminar Organization 2017-2018

Sustainability Scenario Modelling

We organized this seminar for scholarship holders of the German Academic National Foundation (Studienstiftung des Deutschen Volkes) with a sustainability focus. We developed climate models and social scenarios, hosted 9 International speakers, in collaboration with IIASA Vienna and the University of Vienna.

Elected Student Representative 2017-2018

Directorate, Department of Psychology, University of Kassel

I communicated psychology students' interests to academic faculty and discussed strategic developments of the department.

AWARDS AND SCHOLARSHIPS

Doctoral Scholarship 2021-2023

German Academic National Foundation (Studienstiftung des Deutschen Volkes)

Supporting doctoral students from different disciplinary and personal backgrounds that are "united in their particular scientific ability, in their curiosity that extends beyond their own discipline and life world, and in their pronounced sense of social responsibility."

Highly commended thesis 2020

Oxford Internet Institute, University of Oxford

Honoring MSc thesis (Should we talk to climate skeptics?), annual award.

Carl-Friedrich Graumann Award 2018

German Psychological Society (DGPs), Section Environmental Psychology

Honoring BSc thesis (Outdoor Sport and Environmental behavior) as best newcomer scientist work in the field of environmental psychology, biannual award.

Scholarship 2016-2020

German Academic National Foundation (Studienstiftung des Deutschen Volkes)

Supporting "the university education of young people who, on account of their exceptional academic or artistic talents and their personalities, can be expected to make an outstanding contribution to society as a whole."

CONTACT

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<i>Twitter</i>	@LisaFOswaldo