

Yannick Oswald

Address: Apt. 27, Velocity East
City Walk 4, Leeds LS11 9BF
United Kingdom

Mobile: +44 7543 368698
E-mail: y-oswald@web.de
Web: collective-mind.org



1. Education

- 2018 – present **PhD candidate**
University of Leeds, School of Earth and Environment
Part of the Living Well Within Limits Project (LiLi) under Prof. Julia Steinberger.
Investigating the relationship between economic inequality and energy consumption.
- 2015 – 2018 **M. Sc. Joint International Master in Sustainable Development**
University of Graz, Utrecht University, TERI University
pass with distinction
semesters abroad in the Netherlands and in India
- 2012 – 2015 **B.A. International Energy Management**
Karlshochschule International University
semester abroad in Mexico
- 2011 **Abitur (university entrance qualification)**
Ritzefeld-Gymnasium Stolberg

2. Employment

- 2017 – 2018 **Research Assistant**
University of Graz
I worked two research-oriented jobs at the University of Graz: 1) at the Institute for Systems-, Innovation- and Sustainability Research in the field of Resource Innovation and Bio-economy 2) at the Artificial Life Lab, focusing on Agent-based models of large-scale cooperation and game theory.
- 2016 – 2017 **Consultancy Assistant**
IFST - Institute for Social Technologies GmbH
Tasks: Translation of the book "Project Management at the Edge of Chaos: Social Techniques for Complex Systems" from German to English

2015 **Internship and Research Assistant**
Fraunhofer Institute for Systems & Innovation Research
Tasks: Modelling Energy Systems, Forecasting, Data Analyses

3. Publications

Academic Journals

Millward-Hopkins, J., **Oswald, Y.** (n.d. yet). The Ecological Impacts of the ‘Inequality we want’. **Awaiting review.**

Oswald, Y., Steinberger, J.K., Ivanova, D., Millward-Hopkins, J. (n.d. yet). Global redistribution of income and household energy footprints – Simulations ceteris paribus. **Awaiting review.**

Millward-Hopkins, J., Steinberger, J.K. Rao, N.D., **Oswald, Y.** (2020). - Providing Decent Living with Minimum Energy: A Global Scenario. **In press. Global Environmental Change.**

Oswald, Y., Owen, A. & Steinberger, J.K. (2020). Large inequality in international and intranational energy footprints between income groups and across consumption categories. **Nat Energy** 5, 231–239 (2020). <https://doi.org/10.1038/s41560-020-0579-8>

Book chapters

Oswald Y. (n.d. yet). France – International resources for a sustainable, inclusive and innovative future? in the **Consumption Atlas. Forthcoming book.**

Conferences

Oswald, Y. and Schmickl, T. (2017). Ultimate Ecology: How a Socio-Economic Game Can Evolve into a Resilient Ecosystem of Agents. Proceedings of 2017 IEEE Symposium Series on Computational Intelligence. **ALIFE Symposium.**

Elsland, R.; Klingler, A.-L.; Degner, P.; **Oswald, Y.**; Wietschel, M (2015). Are current regionalisation approaches sufficient to decompose electricity demand? – A German case study, 10th Conference on Energy Economics and Technology (**ENERDAY**), Dresden, 2015.

4. Awards and Recognition

- 2020 **Sustainable Innovation Award** by the University of Leeds Sustainability Services for the founding and activity of the Climate Entrepreneur Club. I was co-chair of the volunteer committee which received the award.
- 2020 **Best Postgraduate Researcher Publication Prize** for Oswald, Y., Owen, A. & Steinberger, J.K. 2020 Nat Energy.
- 2019 **Best poster and presentation award** at IIASA-RITE energy demand workshop/conference, including fellowship stipend. The prize highlighted a very clear poster and a very clear presentation.
- 2018 - 2022 **Full Scholarship** for PhD studies at the University of Leeds within the ‘Living Well Within Limits’ projects funded through the Leverhulme Trust.

2016 **Erasmus Scholarship** for studies at the Utrecht University.

5. Teaching

- 2020 **Economics and Sustainability**, seminar leader.
Modelling and Simulation for Ecological Economics, Demonstrator for System Dynamics and Agent-based Modelling.
Soft Skills Seminar Series, seminar designed and taught on effective PowerPoint presentations to Graduate Students.
- 2019 **Economics and Sustainability**, seminar leader.
Modelling and Simulation for Ecological Economics, Demonstrator for System Dynamics and Agent-based Modelling.
- 2018 **Spreadsheet models in Ecological Economics**

6. Reviewing activities

2019 Journal for Cleaner Production

7. Further Qualifications (selected)

- 2017 **Verified Certificate**
Online Course: Introduction to Dynamical Systems and Chaos, Santa Fe Institute
- 2017 **Verified Certificate**
Online Course: Social and Economic Networks: Models and Analysis, Stanford University
- 2016 **Accomplishment**
Summer School Utrecht
Introduction to Complex Systems
- 2014 **Verified Certificate with distinction**
Online Course: Model Thinking, University of Michigan
Content: Socio-economic Modelling

8. General Skills

- Languages German: Native speaker
English: C1 (advanced, professional, fluently, TOEFL PBT 2015 657/677 points)
Spanish: B2 (advanced)
French: A2 (elementary)
- Computing/PC Office Windows (Excel, Word, Power Point, Access)
Matlab (proficient)
Python (proficient)

	Netlogo (proficient) Vensim PLE (proficient) R (basic) Pascal (basic)
Other	Abstract and holistic thinking Analytical and quantitative approaches Problem-solving Working in international and inter-disciplinary teams Project planning and management Team orientation Speech, lecturing and presentation

9. Civil engagement

2019 – present	Climate Entrepreneurs Club - Leeds Co-chair of Leeds chapter. Providing a platform for students and academics to develop climate-friendly and sustainable business.
2014	English Teacher (for Adults and teenagers) Colegio Antonio de Mendoza, Puebla, Mexico Tasks: Preparation of own lectures and teaching groups of 10-15 twice a week for four months
2013	English teacher (1 st -5 th grade) Colegio Olaya, Barranquilla, Colombia Tasks: Preparation of own lectures and daily teaching of classes of 20-30 children for 2 months