

CURRICULUM VITAE

HEINRICH ZOZMANN

heinrich.zozmann@posteo.de

Homepage

ORCID | Researchgate | Google Scholar

Professional Career

04/2018 –

Researcher

Helmholtz-Centre for Environmental Research - UFZ, Department Economics

- Research on the intersection of human behavior and sustainable development
- Publishing results in high-impact journals & presenting at academic conferences
- Collaboration in international research projects
- Writing of grant applications
- Training and supervision of research assistants and master theses
- Capacity building and knowledge transfer to industry & governmental partners

10/2019 –

Founder

zora – the transformation lab (Zozmann & Karutz GbR)

- Research and facilitation with a focus on sustainability transformations
- Planning and implementation of trainings, workshops and retreats

2013 – 2018

Research Assistant

At different universities and research facilities

08/2017-03/2018

Helmholtz-Centre for Environmental Research - UFZ, Department Economics

02/2017-07/2017

University of Leipzig, Institute for Infrastructure and Resources Management

02/2016-05/2016

Helmholtz-Centre for Environmental Research - UFZ, Department Economics

08/2015-12/2015

HHL Leipzig Graduate School of Management, Chair of Financial Management

04/2013-08/2013

University of Leipzig, Institute for Infrastructure and Resources Management

Education

2019 – 2023	PhD (Dr. rer. pol.) in Economics University of Leipzig (magna cum laude)
2014 – 2017	M.Sc. in Sustainable Development University of Leipzig, Universiteit Utrecht (1.3 –very good)
2010 – 2014	B.Sc. Economics and Management Science University of Leipzig (1.9 – good) B.Sc. Business Education and Management Training University of Leipzig (1.7 – good)

Funding Acquisition

2022	Lebendige Wände: Fassadengrün für multifunktionale Klimaanpassung in der Stadt [Sächsische Aufbaubank]
------	--

Teaching

2025-	<i>Current Research in Water Resources Management</i> (Master, lecture) University of Leipzig
2024-	<i>Nature Conservation Economics</i> (Bachelor, lecture) Hochschule Anhalt
2024/2025	<i>Sustainable Economics</i> (Master, lecture) University of Leipzig
2022-	<i>Current problems of environmental economics and policy</i> (Master, seminar) University of Leipzig (teaching assistant to Prof. Erik Gawel)

Science Communication, Transfer, Capacity Building (Selection)

2023	Kontrovers vor Ort Series of interactive workshops on climate change mitigation and adaptation in cooperation with the <i>Sächsische Landeszentrale für politische Bildung</i> .
2020 - 2024	klimafit – wissen.wollen.wandeln. Course instructor in Leipzig as part of a nationwide communal education project aiming to enable participants to actively contribute to climate mitigation.

2018-2020	Jordan Water Project – Capacity Building Planning and implementation of four two-week capacity building workshops with professionals from the Jordanian water authorities.
2013-2016	Zusatzqualifikation Kauffmann/Kauffrau in der Energie- und Wasserwirtschaft (IHK-geprüft) Design, preparation, and implementation of educational modules on renewable energies and water sustainability.

Qualifications & Trainings (Selection)

2024	Summer School <i>Statistical Machine Learning for Large and Unstructured Data</i> Barcelona School of Economics
2022	Training as <i>Facilitator</i> Horizontal School Berlin
2019	Trainings in <i>non-violent communication</i> Helmholtz-Centre for Environmental Research

International experience

- Several month-long travels to Amman, Jordan, and Pune, India, for field research and capacity building (2018-2022)
- Participant of the Global Learning Program “ASA” with a three-month stay in Nepal (2016)
- Exchange semester at the Universiteit Utrecht, Netherlands (2015)

Academic Functions

- Organization of the monthly research discussion forum “Colloquium Economics” at UFZ
- Department expert on Research Data Management at UFZ
- Academic Mentor in the *Global Sustainability Scholars* Program (2020-2021)
- Moderator of the Science Cluster of the *Bosch Alumni Network* (2022-2023)

Reviewer Activity

Journals: *Journal of the Royal Society Interface*; *Environmental Research Letters*; *Environmental Research: Infrastructure and Sustainability*; *International Journal of Urban Sustainable Development*; *Humanities and Social Sciences Communications*

Peer-Reviewed Publications (August 2025)

In peer-reviewed journals	10
...as 1st author	5
Citations (Google Scholar)	123
h-index (Google Scholar)	7

Habershon, S., Nenoff, K., Kraemer, G., Schüler, L., **Zozmann, H.**, Calabrese, J.M., Attinger, S., Mahecha, M.D. (2025). The spatiotemporal dynamics of COVID-19 in Europe: time-series clustering maps 5 distinct trajectories to spatial patterns. *Popul Health Metrics*, 23 (44).
<https://doi.org/10.1186/s12963-025-00405-w>

Calabrese, J. M., Schüler, L., Fu, X., Gawel, E., **Zozmann, H.**, Bumberger, J., Quaas, M., Wolf, G., & Attinger, S. (2024). A novel, scenario-based approach to comparing non-pharmaceutical intervention strategies across nations. *J. R. Soc. Interface*, 21: 20240301.
<https://doi.org/10.1098/rsif.2024.0301>

Zozmann, H., Schüler, L., Fu, X., & Gawel, E. (2024). Autonomous and policy-induced behavior change during the COVID-19 pandemic: Towards understanding and modeling the interplay of behavioral adaptation. *Plos one*, 19(5), e0296145.
<https://doi.org/10.1371/journal.pone.0296145>

Knifka, W., Karutz, R., & **Zozmann, H.** (2023). Barriers and Solutions to Green Facade Implementation — A Review of Literature and a Case Study of Leipzig, Germany. *Buildings*, 13(7), 1621.
<http://dx.doi.org/10.3390/buildings13071621>

Klauer, B., Küblböck, K., Omann, I., Karutz, R., Klassert, C., Zhu, Y., **Zozmann, H.**, ... & Gorelick, S. (2022). Stakeholder Workshops Informing System Modeling — Analyzing the Urban Food–Water–Energy Nexus in Amman, Jordan. *Sustainability*, 14(19), 11984.
<https://doi.org/10.3390/su141911984>

Zozmann, H., Morgan, A., Klassert, C., Klauer, B., & Gawel, E. (2022c). Can Tanker Water Services Contribute to Sustainable Access to Water? A Systematic Review of Case Studies in Urban Areas. *Sustainability*, 14(17), 11029.
<https://doi.org/10.3390/su141711029>

Zozmann, H., Klassert, C., Klauer, B., & Gawel, E. (2022b). Heterogeneity, household co-production, and risks of water services—Water demand of private households with multiple water sources. *Water Economics and Policy*, 8(01), 2250006.
<https://doi.org/10.1142/S2382624X22500060>

Karutz, R., Omann, I., Gorelick, S. M., Klassert, C. J., **Zozmann, H.**, Zhu, Y., ... & Klauer, B. (2022). Capturing Stakeholders' Challenges of the Food–Water–Energy Nexus—A Participatory Approach for Pune and the Bhima Basin, India. *Sustainability*, 14(9), 5323.
<https://doi.org/10.3390/su14095323>

Zozmann, H., Klassert, C., Klauer, B., & Gawel, E. (2022a). Water Procurement Time and Its Implications for Household Water Demand—Insights from a Water Diary Study in Five Informal Settlements of Pune, India. *Water*, 14(7), 1009.
<https://doi.org/10.3390/w14071009>

Zozmann, H., Klassert, C., Sigel, K., Gawel, E., & Klauer, B. (2019). Commercial Tanker Water Demand in Amman, Jordan—A Spatial Simulation Model of Water Consumption Decisions under Intermittent Network Supply. *Water*, 11(2), 254.
<https://doi.org/10.3390/w11020254>

Book Chapters, Discussion Papers, Reports & Other Media

Karutz, R., **Zozmann, H.**, Wollschläger, N., Schlink, U. (2024). Fassadenbegrünung als multifunktionales Anpassungsinstrument gegen Hitze: Ergebnisse des Leipziger Pilotprojekts „Lebendige Wände“. In: Kabisch, S., Rink, D., Banzhaf, E. (eds) *Die Resiliente Stadt*. Springer Spektrum, Berlin, Heidelberg.
https://doi.org/10.1007/978-3-662-66916-7_13

Athauda, N., **Zozmann, H.**, Maiwald, L., Klassert, C., & Klauer, B. (2022). The Urban Food-Water-Energy Nexus Footprint Model. An Early Application. *UFZ Discussion Paper 2/2022*, Helmholtz Centre for Environmental Research: Leipzig, Germany.
https://www.ufz.de/export/data/global/264753_DP_2022_2_Athaudaetal.pdf

Küblböck, K., Omann, I., Grohs, H., Karutz, R., Klassert, C., Klauer, B., Zhu, Y., **Zozmann, H.**, Smilovic, M. & Gorelick, S. (2021). The role of sustainability living labs in understanding food-water-energy nexus challenges and solutions in India and Jordan. *ÖFSE Working Paper No. 63*, Austrian Foundation for Development Research: Vienna, Austria.
<https://www.econstor.eu/handle/10419/235581>

Zozmann, H. & Karutz, R. (2020). Urban, informell, resilient? Die Slums der Megacities. In „Auf Kosten Anderer – Die Globalisierung in Bildern“. *Zeitbilder*, Bundeszentrale für politische Bildung: Bonn, Germany.
<https://www.bpb.de/shop/buecher/zeitbilder/314583/auf-kosten-anderer/>

Zozmann, H. (2019). Large Tanker Water Use by the Commercial Sector in Amman, Jordan. *Water Articles*, Middle East Water Forum: Amman, Jordan.
[https://drive.google.com/file/d/1768GHZ6wQfwFnuRk\]xNWv1AQDGcfVWZ/view](https://drive.google.com/file/d/1768GHZ6wQfwFnuRk]xNWv1AQDGcfVWZ/view)

Sigel, K., Klassert, C., **Zozmann, H.**, Talazi, S., Klauer, B., Gawel, E. (2017): Urban water supply through private tanker water markets : An empirical market analysis of Amman, Jordan. *UFZ-Report 2/2017*, Helmholtz Centre for Environmental Research: Leipzig, Germany.
https://www.ufz.de/index.php?de=20939&pub_id=24004

Sigel, K., Klassert, C., **Zozmann, H.**, Talazi, S., Klauer, B., & Gawel, E. (2017). Socioeconomic surveys on private tanker water markets in Jordan: Objectives, design and methodology. *UFZ Discussion Paper 4/2017*, Helmholtz Centre for Environmental Research: Leipzig, Germany.
<https://www.econstor.eu/bitstream/10419/167320/1/89458717X.pdf>

Conference Contributions (Selection)

- Interactions between autonomous risk appraisal and policy-induced behavioral change – An economic analysis of behavioral adaptation in the COVID-19 pandemic. Erik Gawel & **Heinrich Zozmann**. *Data Science and the COVID-19 pandemic – What have we learned so far?* Center for Advanced Systems Understanding, Görlitz, Germany, June 2023.
- Assessing urban water insecurity under access inequality – coupled human-natural systems analyses in the Upper Bhima Basin, India. Christian Klassert, Ankun Wang, Anjuli Jain Figueroa, Yuanzao Zhu, Raphael Karutz, **Heinrich Zozmann**, Bernd Klauer, Erik Gawel, Steven Gorelick. *European Geophysical Union General Assembly*, Vienna, Austria, April 2023.
- Residents' perception of green façades – key for urban resilience or just “nice to have”? Raphael Karutz, **Heinrich Zozmann**, Uwe Schlink. *URBIO – Urban Biodiversity & Design*, Leipzig, Germany, November 2022.
- Integrated System Analysis of Food-Water-Energy (FWE) Solutions in a Rapidly Growing Region of India. Ankun Wang, Christian Klassert, Raphael Karutz, Yuanzao Zhu, **Heinrich Zozmann**, Bernd Klauer, Peter Burek, Mikhail Smilovic, Taher Kahil, Karin Küblböck, Ines Omann. *American Geophysical Union Fall Meeting*, San Francisco, USA, December 2022.
- Measuring Full Cost of Access to Water: A Water Diary Study in Informal Settlements of Pune, India. **Heinrich Zozmann**, Christian Klassert, Bernd Klauer, Erik Gawel. *American Geophysical Union Fall Meeting* San Francisco, California, December 2020.
- Multiple-source water demands of a representative agent population under various food-water-energy scenarios: A hydro-economic analysis of the Upper Bhima basin, India. Christian Klassert, Anjuli Jain Figueroa, Yuanzao Zhu, Raphael Karutz, **Heinrich Zozmann**, Bernd Klauer, Erik Gawel, Steven M. Gorelick. *American Geophysical Union Fall Meeting*, San Francisco, California, December 2020.
- Food-Water-Energy Challenges in Rapidly Urbanizing Regions – a Focus on Rural-Urban Interlinkages. Raphael Karutz, Yuanzao Zhu, Christian Klassert, Anjuli Jain Figueroa; Ines Omann, Mikhail Smilovic, **Heinrich Zozmann**, Annegret Kindler, Sigrun Kabisch, Bernd Klauer. *Sustainable & Resilient Urban-Rural Partnerships – URP2020*, Leipzig, Germany, November 2020.
- Food-water-energy for Urban Sustainable Environments (FUSE): Integrated Analyses Focused on Pune, India and Amman, Jordan. Gorelick, S., Küblböck, K., Omann, I., Grohs, H., Klauer, B., Klassert, C., Kabisch, S., Kindler, A., Karutz, R., Zhu, Y., **Zozmann, H.**, Dib, J., Wada, Y., Burek, P., Kahil, T., Smilovic, M., Naylor, R., Figueroa, A., Khan, H., Lee, J., Y.. *American Geophysical Union Fall Meeting*, San Francisco, California, December 2019.